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Author(s):

MESIC, M.; CORLUKA, V. & VALTER, Z.

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ANALYSIS OF RATIO S/N AT NIR REFLECTION ON DIFFERENT MOISTURE SOIL SAMPLES

MESIC, M[jirko]; CORLUKA, V[enco] & VALTER, Z[dravko]*

Abstract: In this paper one of the methods of separation signal from noise is explained. Determining the moisture soil is accomplished with two NIR wavelengths (1800nm and 1940nm). We measured two reflected wavelengths with a PbS detector. Those signals are covered by noise. There are three sources of noise: flicker, photon and thermal. If there was a change of sample moisture by 1%, then it can not be detected in the noise. By generating a similar noise like on the detector and subtracting it from the entire signal, it gets useful signals.

Key words: NIR, moisture, soil, reflectance, wavelength

1. INTRODUCTION

Near-infrared range is from 750 nm to 2500 nm. Water has an absorption band of four wavelengths, namely 1.19, 1.45, 1.94, and 2.50 micrometers, in the near-infrared range (Williams & Norris 1983). According to **Beer's-Lambert** law, absorbance is directly proportional to moisture contents. Absorption is calculated according to the formula (1)

$$A=abc=\log \frac{1}{R} \quad (1)$$

There are A – absorbance, c – concentration of the sample, b – optical path length, a – molar absorption coefficient, R – reflectance of the sample (Lee et al., 2003).

Lead sulphide (PbS) is used as the material in the detectors. The PbS photoconductive detector can be used for measuring NIR radiation. Detector gives the noise of several mV and reflected signal several μ V. The noise (N) is bigger than measurement signals (S). Ratio S/N is defined with formula (2).

$$\frac{S}{N} = \sqrt{n} \frac{\bar{V}}{\sigma_n} \quad (2)$$

There are \bar{V} - mean value signals, σ_n - standard deviation of the noise, n – number of the measurement. This detector has the best sensibility on 2.2 μ m wavelength. It gives four types of the noise:

- Johnson (thermal) noise:

$$\bar{i}_n = \sqrt{\frac{4kT(\Delta f)}{R}} \quad (3)$$

- Shot (Photon) noise:

$$\bar{i}_n = \sqrt{2qi(\Delta f)} \quad (4)$$

- Flicker (1/f) noise:

$$\bar{i}_n = \sqrt{\frac{1}{f^x}} \quad (5)$$

- Background noise B_n

This noise is the result of the outer light and environment influence. These noises are added to other noises from the equipment. Complete signal is equal to signal and noise (S+N). Total noise is given in the following formula (6):

$$\bar{i}_{total} = \sqrt{i_{n1}^2 + i_{n2}^2 + i_{n3}^2 + i_{n4}^2 + \dots} \quad (6)$$

For the description of the noise, we have to know its autocorrelation and Power Spectral Density (PSD) (Luecke, 2005). Autocorrelation and Power Spectral Density are connected with formulas (7) and (8):

$$R_{nn} = \sum_{t=-\infty}^{\infty} N(t)N(t+T) \quad (7)$$

$$PSD(f) = F(R_{nn}) = \sum_{k=0}^{N-1} R_{nn}(T)e^{-j2\pi nkTs/NTs} \quad (8)$$

There are R_{nn} – autocorrelation of the noise, T_s – sampling time, $n=0 \dots N-1$. Power Spectral Density is discrete Fourier transformation of R_{nn} . For the detection of the noise value maximum value of autocorrelation is taken, while for Power Spectral Density maximum or average value is taken depending on the spectrum continuation. Picture 1 shows noise and its autocorrelation.

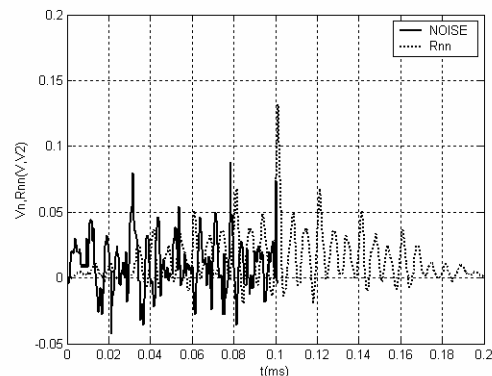


Fig. 1. The noise and its autocorrelation

Picture 2 shows power spectrum that is given with autoregressive model (AR).

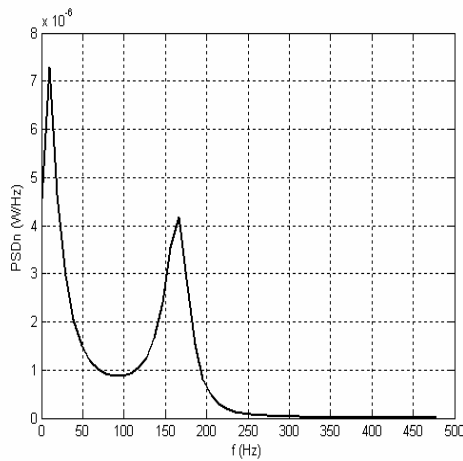


Fig.2. Power Spectral Density of noise

With equipment SARTORIUS MA45 five etalon soil samples have been measured.

2. MEASURING SYSTEM AND DATA ANALYSIS

Reflection signals are measured with a PbS detector, and then amplified with a different amplifier (D.A.) and are represented in Volts. Measurements are conducted on the mentioned wavelengths which let through two optical filters (F1 to F4). They are placed on a wheel which rotates at a specific speed controlled by motor (M). Light source is obtained with a halogen bulb. All filters let through their own wavelength with a permitted curve (width 30nm). NIR rays pass through the filters and fall on the sample from which it reflects onto the PbS detector. The NIR moisture meter works on the principle of reflection measurements of different samples on specific wavelengths λ (McCluney, 1994). The measurement is performed with at least two wavelengths, one of which absorbs light, in this case it is 1940nm and the other does not absorb light or only a little. In this case it is 1800nm. In this way, by measuring the reflected light, we can measure the moisture content of the sample. For example, 1800nm is taken as a reference wavelength. At times the monostable turns off the light source, so that it can measure noise. The generator of the noise gives a similar noise like PbS detectors. On the different amplifier those noises are subtracted. The principle is shown on Fig. 3:

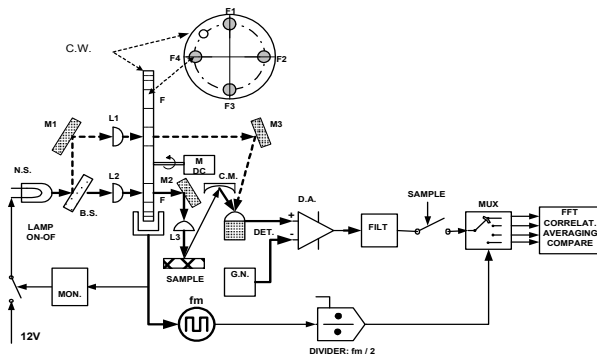


Fig. 3. Equipment for measuring moisture on sample

Absorbance is determined by formula 9:

$$A = \log \left(\frac{I_{1800M} \cdot I_{1940R}}{I_{1940M} \cdot I_{1800R}} \right) \quad (9)$$

There is I light of referent (R) and measurement (M) ray. The results of measurement are shown on table 1. and 2. Ratio S/N=24. If absorbance is determined through PSD, the best results are obtained.

M %	Um _{AVG} (V)		Ur _{AVG} (V)		Av
	1800nm	1940nm	1800nm	1940nm	
8.2	0.457	0.221	0.546	0.314	0.075
9.2	0.451	0.208	0.556	0.292	0.058
11.9	0.477	0.202	0.591	0.305	0.082
13.5	0.441	0.200	0.534	0.290	0.078
36	0.428	0.129	0.674	0.356	0.244

Table 1. Absorbance through U_{AVG} (V)

M %	PSDm _{AVG} (W/Hz)		PSDr _{AVG} (W/Hz)		Ap
	1800nm	1940nm	1800nm	1940nm	
8.2	1.419	0.078	3.804	0.310	0.169
9.2	1.391	0.075	2.917	0.338	0.332
11.9	1.803	0.068	3.583	0.378	0.446
13.5	1.580	0.062	2.400	0.310	0.555
36	1.392	0.010	7.520	0.720	1.109

Table 2. Absorbance through PSD_{AVG}

3. CONCLUSION

Expected and precise results depend on many parameters. Special attention has to be paid to noise because it is very high. The many techniques are known for its rejection. This method gives good results. With noise generator a similar noise is made like on the PbS detector. Those noises are subtracted which gives good ratio signal noise. On the output there are harmonics which are reduced with notch filters. Adding the referent ray, the stability of system grows. The influence of temperature change, light source, relative moisture of the environment and chopping frequency is compensated.

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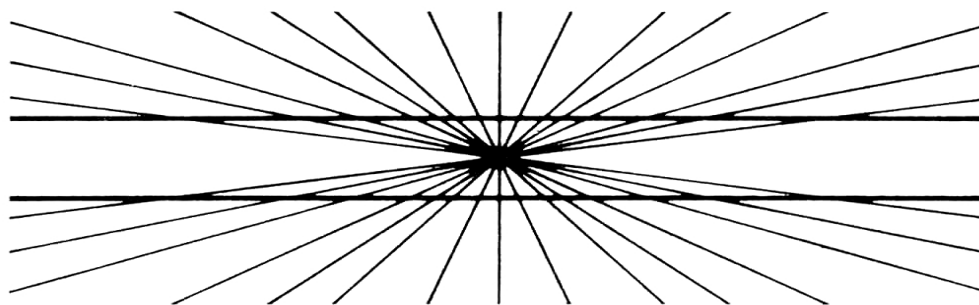


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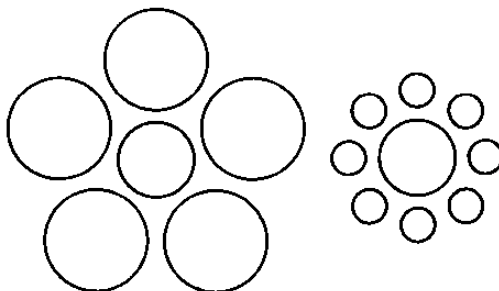
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The main aim of this International Committee is international promotion of talented young researchers and scientists. Target group are: young engineers, master students, young master, doctoral students, young doctors, talented graduate students and other tolerant and talented young persons from one of the fields of interests of DAAAM International. The young winners of Best Paper Award of DAAAM International are also the member of this committee. The candidate has to be under age 35 years and has to be author or co-author of paper published in one of DAAAM publications. The candidate has to be nominated by the supervisor/professor/team leader. The nomination (short CV, research: status, field, course, targets, results) has to be send to the President of DAAAM International.

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DAAAM INTERNATIONAL VIENNA: BACKGROUND, HISTORY, AIMS, STRUCTURE, ACTIVITIES & FUTURE

Branko KATALINIC
 President of DAAAM International
www.daaam.com / www.daaam.org

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1.0 BACKGROUND

The DAAAM International was founded and based on the idea and initiative of Professor B. Katalinic, on November 5th, 1990 at the Vienna Symposium, which was organised in order to mark the 175th anniversary of the Vienna University of Technology.

The purpose of DAAAM International is to provide a world forum for engineers, scientists and industrial managers to present and discuss the current status and impact of advanced manufacturing and automation.

During the last seventeen years, the activities of DAAAM International have been supported by scientists and experts from over fifty countries all over the world. In the course of the last five years, DAAAM International has focused activities on the regional and global long-term co-operation between (technical) universities. The result of this initiative is the founding of the University Network of DAAAM International Vienna and DAAAM International Network for Advanced Technologies which was founded on 2002-10-25 in Vienna.

2.0 AIMS

The main aims of DAAAM are:

- To organise an annual DAAAM International Symposium each year.
- To found and organise the University Network of DAAAM International Vienna as a strategic alliance and permanent international open platform for long-term co-operation and partnership in all fields of technology, research and education.
- To organise long-term projects, initially known as Inter-university Doctoral Studies
- To organise a pilot project, initially known as the Virtual University.
- To enable and promote the exchange of people, scientific, and technical information.
- To enable and promote international co-operation among scientists and engineers.
- To enable and promote R & D, education and industrial application.
- To co-operate with other national and international organisations in matters of common interest.

DAAAM International Vienna

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Mahmud Dikic	<i>Assembly Automation</i>
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NB: The further International Coordinators for different topics/fields are needed and welcome, if you want to be one of them please contact the president of DAAAM International

4.0 DAAAM Symposiums Clubs

Since founding of DAAAM International Symposium in 1990 **3824** authors and co-authors published at least once their scientific papers in the Annals & Proceedings of DAAAM International Symposium. The members of the club are the persons which presented and/or published their papers at all / not less than 15 / not less than 10 / not less than 5 DAAAM International Symposiums:

All DAAAM Symposiums Authors' Club

Balic, Joze / Cus, Franci / Katalinic, Branko / Polajnar, Andrej / Veza, Ivica / Wessely, Emil

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5.0 IN MEMORIAM OF NICE DAAAM COLLEAGUES AND DEAR FRIENDS

Professor Dr Jyri Papstel (1940- 2004), Tallinn Technical University, Tallinn Estonia, Vice President of DAAAM International, Founder and President of DAAAM Estonia, Founding member of the pilot projects Interuniversity Doctoral Studies and Virtual University. Member of: International Organizing / Program / Scientific / Review Committees. President of Award Committee. Author. Honored with Medal of DAAAM International Vienna.

M. Sc. Dipl.-Ing. Ivan Ivancic (1952-2004), Ericsson - Tesla, Zagreb, Croatia, International Coordinator for the field Maintenance, Member of International Organizing / Program / Review Committees.

Professor Dr Zdenko Kordic (1949-2004), University of Mostar and University of Split, Founder and First Rector of the University of Mostar, Member of Rectors' Honor Committee, Founding member of the pilot projects Interuniversity Doctoral Studies and Virtual University. Member of International Program and Scientific Committees. Author. Honored with Medal of DAAAM International Vienna.

6.0 DAAAM INTERNATIONAL MEDAL

On the occasion of 10th DAAAM International Symposium, DAAAM International introduced the Medal of DAAAM International "for excellence in the science, technology, and international scientific co-operation in the framework of DAAAM International Vienna" as a highest recognition for individual persons and institutions. The medal is designed by B. Katalinic, produced by Moscow State Mint Institute and sponsored by Moscow State University of Technology "Stankin" and Cassandra Trust – Ireland. Maximal one person and/or one institution are honoured by medal in one year.

7.0 UNIVERSITY CHARTER OF DUBROVNIK

The text of the University Charter of Dubrovnik: We, the representatives of different Universities and Institutions, after two years preparation at the meeting initiated and organized by The Danube Adria Association for Automation & Manufacturing, DAAAM International under the auspices of The Danube Rectors' Conference on the occasion of the Eighth International DAAAM Symposium "Intelligent Manufacturing & Automation" held at the International Center of Croatian Universities (University of Zagreb) in Dubrovnik, Croatia, decided to found the University Network of DAAAM International Vienna as a strategic alliance and permanent open platform for long-term co-operation and partnership in all fields of technology, research and education.

The co-operation has to be continuously organized and is based on the partnership, friendship, tolerance, appreciation and positive experience of international scientific co-operation within the framework of DAAAM International during the last eight years. The co-operation can use different flexible forms, structures and aspects. The practical co-operation will be project-based organized. The highest priority is given to the organization of two long - term projects, initially known as: Interuniversity Doctoral Studies and a pilot project Virtual University. Signed by the founding members in Dubrovnik, Croatia, on the twenty-third of October 1997

8.0 DAAAM INTERNATIONAL NETWORK FOR ADVANCED TECHNOLOGIES

The text of the Network founding document: We, the representatives of different Universities, Institutions, and Firms at the meeting initiated and organized by The Danube Adria Association for Automation & Manufacturing, DAAAM International Vienna under the auspices of The Danube Rectors' Conference on the occasion of the Thirteenth International DAAAM Symposium "Intelligent Manufacturing & Automation: Learning from Nature" held at the Vienna University of Technology and Austrian Society of Engineers and Architects in Vienna, Austria, decided to found the DAAAM International Network for Advanced Technologies as a strategic alliance and permanent open platform within European Research Area for long-term co-operation and partnership in all fields and aspects of research, developing, transfer, education and use of advanced technologies.

The co-operation has to be continuously organized and had to be based on the partnership, friendship, tolerance, appreciation and positive experience of international scientific co-operation within the framework of DAAAM International during the last fourteen years. The co-operation can use individual flexible project oriented forms, structures and aspects and support the young researchers' mobility as well. The practical co-operation will be project-based organized. The highest priority is given to the organization of long - term international cooperation projects focused on advanced technologies for balanced development and harmony between men, technology and nature. The network has to be platform for dissemination of relevant information and ideas, supporting international partnership and encouraging of cooperation initiatives. Signed by the founding members in Vienna, Austria, European Union, on the twenty-fifth of October 2002

Activity No. 1: The conference bags and flags for DAAAM 2003 in Sarajevo are sponsored by the Faculty of Textile Technology, University of Zagreb, and organised by Professor Z. Dragevcic as the first activity in the frame of DAAAM International Network for Advanced Technologies.

9.0 DAAAM INTERNATIONAL NETWORK FOR MECHATRONICS AND ROBOTICS

The text of the Network founding document: We, the representatives of different Universities, Institutions, and Firms at the meeting initiated and organized by The Danube Adria Association for Automation & Manufacturing, DAAAM International Vienna under the auspices of The Danube Rectors' Conference on the occasion of the Fifteenth International DAAAM Symposium "Intelligent Manufacturing & Automation: Globalisation - Technology - Men - Nature" held at the Vienna University of Technology and Austrian Society of Engineers and Architects in Vienna, Austria, decided to found the DAAAM International Network for Mechatronics and Robotics as a strategic alliance and permanent open platform within European Research Area for long-term co-operation and partnership in all fields and aspects of research, developing, transfer, education and use of advanced technologies.

The co-operation has to be continuously organized and had to be based on the partnership, friendship, tolerance, appreciation and positive experience of international scientific co-operation within the framework of DAAAM International during the last fifteen years. The co-operation can use individual flexible project oriented forms, structures and aspects and support the young researchers' mobility as well. The practical co-operation will be project-based organized. The highest priority is given to the organization of long - term international cooperation projects focused on advanced technologies for balanced development and harmony between men, technology and nature. The network has to be platform for dissemination of relevant information and ideas, supporting international partnership and encouraging of cooperation initiatives. Signed by the founding members in Vienna, Austria, European Union, on the fifth of November 2004

10.0 DAAAM INTERNATIONAL SYMPOSIUMS (1990-2007)

One important activity is organising the DAAAM International Symposium. The main objective of the Symposium is to provide a world forum, which takes place annually in Central Europe to exchange knowledge, experience, results and information related to various aspects of the advanced manufacturing and modern automation.

The scope of the Symposium covers scientific, technological and practical concepts concerning research, development and realisation of advanced manufacturing and automation concepts, offering a unique opportunity for experts to meet and exchange ideas. The Symposium is concerned with the current status of automation and manufacturing, methods and results of research and development, as well as application problems and publishes proceedings accordingly.

2007	18th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Creativity, Responsibility, and Ethics of Engineers"
<i>On the occasion of Date & Place</i>	5th Anniversary of Refounding of the University of Zadar (Founded 1396) 24-27th October 2007, Zadar, Croatia
DAAAM INTERNATIONAL VIENNA	
2007	

<i>Organized by</i>	DAAAM International Vienna, University of Zadar, University of Applied Sciences Technikum Vienna, Vienna University of Technology - Department of Production Engineering / Intelligent Manufacturing Systems (IFT-IMS), ÖIAV 1848 Austrian Society of Engineers and Architects
<i>Under the auspices of</i>	Danube Rectors' Conference & Rectors' Honor Committee of DAAAM International
<i>In cooperation with</i>	Croatian National Tourist Board
<i>Organizer</i>	Katalinic, Branko (Chair) / Uglesic, Ante (Co-Chair) / Cesarec, Paulina / Dragecivic, Zvonko / Höller, Liane / Kettler, Roman / Knezevic, Sime / Stopper, Markus / Stuja, Kemajl / Wenger, Monika
<i>Publication</i>	Annals of DAAAM for 2007 and Proceeding of the 18th International DAAAM Symposium, ISSN 1726-9679, ISBN 3-901509-58-5
<i>Editor</i>	Katalinic B.
2006	17th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Mechatronics and Robotics"
<i>On the occasion of</i>	150th Birthday of Nikola Tesla (1856-1943) Inventor of Mobile Robot Teleoperation
<i>Date & Place</i>	8-11th November 2006, Vienna, Austria
<i>Organized by</i>	DAAAM International Vienna, Vienna University of Technology - Department of Production Engineering / Intelligent Manufacturing Systems (IFT-IMS), ÖIAV 1848 Austrian Society of Engineers and Architects, University of Applied Sciences - Technikum
<i>Under the auspices of</i>	Danube Rectors' Conference & Rectors' Honor Committee of DAAAM International
<i>In cooperation with</i>	Vienna Convention Bureau
<i>Organizer</i>	Buchmeister, Borut / Dragecivic, Zvonko / Egorov, Sergey / Höller, Liane / Katalinic, Branko (Chair) / Lazinica, Aleksandar / Malisa, Viktorio / Sagmeister, Nicole / Stuja, Kemajl / Viktorik, Hans / Viktorik, Silvia
<i>Publication</i>	Annals of DAAAM for 2006 and Proceeding of the 17th International DAAAM Symposium, ISSN 1726-9679, ISBN 3-901509-57-7
<i>Editor</i>	Katalinic B.
2005	16th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Young Scientists and Researchers"
<i>On the occasion of</i>	15 Years of DAAAM International Vienna, 1990-2005
<i>Date & Place</i>	19-22nd October 2005, Opatija, Croatia
<i>Organized by</i>	DAAAM International Vienna, Vienna University of Technology - Department of Production Engineering / Intelligent Manufacturing Systems (IFT-IMS), ÖIAV 1848 Austrian Society of Engineers and Architects
<i>Under the auspices of</i>	Danube Rectors' Conference & Rectors' Honor Committee of DAAAM International
<i>In cooperation with</i>	Vienna Convention Bureau
<i>Organizer</i>	Anisic, Bojan / Barisic, B. / Blazevic, Dalibor / Buchmeister, Borut / Car, Zlatan / Dragecivic, Zvonko / Egorov, Sergey / Grabenweger, Johannes / Gronalt, Manfred / Höller, Liane / Huber, Ingrid / Jurkovic, Z. / Katalinic, Branko (Chair) / Lazinica, Aleksandar / Malisa, Viktorio / Merdan, Munir / Mikac, Tonci (Co-Chair) / Mirjanic, Valentina / Nanasi, Jozef / Schaumberger, Werner / Stopper, Markus / Stuja, Kemajl / Udiljak, Toma / Widtmann, Georg
<i>Publication</i>	Annals of DAAAM for 2005 and Proceeding of the 16th International DAAAM Symposium, ISSN 1726-9679, ISBN 3-901509-46-1
<i>Editor</i>	Katalinic B.
2004	15th International DAAAM Symposium "Intelligent Manufacturing & Automation: Globalisation - Technology - Men - Nature"
<i>On the occasion of</i>	155 Years of Austrian Society of Engineers and Architects ÖIAV 1848
<i>Date & Place</i>	3-6th November 2004, Vienna, Austria, European Union
<i>Organized by</i>	DAAAM International Vienna, Vienna University of Technology - Department of Production Engineering / Intelligent Manufacturing Systems (IFT-IMS), ÖIAV 1848 Austrian Society of Engineers and Architects
<i>Under the auspices of</i>	Danube Rectors' Conference & Rectors' Honor Committee of DAAAM International
<i>In cooperation with</i>	Vienna Convention Bureau
<i>Organizer</i>	Bartak, Harald; Buchmeister, Borut; Dragecivic, Zvonko; Egorov, Sergei; Frank, Willy; Grabenweger, Johann; Gronalt, Manfred; Höller, Liane; Hrelja, Igor; Katalinic, Branko (Chair); Kettler, Roman; Kordic, Vedran; Lazinica, Aleksandar; Löschner, Adam; Magyar, Teresa; Malisa, Viktorio; Merdan, Munir; Müller, Simon; Nanasi, Jozef; Piller, Johannes; Reinisch, Roland; Roth, Michael; Saliger, Florian; Schaumberger, Werner; Schmidt, Thomas; Stuja, Kemajl; Trauzettel, Ulrich; Udiljak, Toma; Widtmann, Georg; Wirths, Thomas.
<i>Publication</i>	Annals of DAAAM for 2004 and Proceeding of the 15th International DAAAM Symposium, ISSN 1726-9679, ISBN 3-901509-42-9
<i>Editor</i>	Katalinic B.

2003	14th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Reconstruction and Development"
<i>On the occasion of</i>	155 Years of Austrian Society of Engineers and Architects ÖIAV 1848 / 45 Years of the Faculty of Mechanical Engineering University of Sarajevo
<i>Date & Place</i>	22-25th October 2003, Sarajevo, Bosnia and Herzegovina
<i>Organized by</i>	DAAAM International Vienna, University of Sarajevo - Faculty of Mechanical Engineering, Vienna University of Technology - Department of Production Engineering / Intelligent Manufacturing Systems (IFT-IMS), ÖIAV 1848 Austrian Society of Engineers and Architects
<i>Under the auspices of</i>	Danube Rectors' Conference & Rectors' Honor Committee of DAAAM International
<i>In cooperation with</i>	Federal Ministry of Education, Sciences and Culture - Vienna, ÖIAV 1848 Austrian Society of Engineers and Architects
<i>Organizer</i>	Katalinic, Branko (Chair), Kulenovic, Malik (Co-chair), Widtmann, G., et al.
<i>Publication</i>	Annals of DAAAM for 2003 and Proceeding of the 14th International DAAAM Symposium, ISSN 1726-9679, ISBN 3-901509-34-8
<i>Editor</i>	Katalinic B.
<i>Information</i>	Contact: DAAAM International Vienna (Katalinic B.) president@daaam.com www.daaam.com
2002	13th International DAAAM Symposium "Intelligent Manufacturing & Automation: Learning from Nature"
<i>On the occasion of</i>	150 Years of Austrian Society of Engineers and Architects ÖIAV 1848
<i>Date & Place</i>	23-26th October 2002, Vienna, Austria
<i>Organized by</i>	DAAAM International Vienna, Vienna University of Technology - Department of Production Engineering / Intelligent Manufacturing Systems (IFT-IMS), ÖIAV 1848 Austrian Society of Engineers and Architects
<i>Under the auspices of</i>	Danube Rectors' Conference & Rectors' Honor Committee of DAAAM International
<i>In cooperation with</i>	Federal Ministry of Education, Sciences and Culture - Vienna, ÖIAV 1848 Austrian Society of Engineers and Architects
<i>Organizer</i>	Katalinic B. (Chair), Buchmeister B., Doganac A., Dragecic Z., Gersak J., Grabenweger J., Kordic V., Ljoljic B., Nanasi J., Stopper M., Stuja K., Widtmann G., et al.
<i>Publication</i>	Annals of DAAAM for 2002 and Proceeding of 13th International DAAAM Symposium, ISBN 3-901509-29-1
<i>Editor</i>	Katalinic B.
2001	12th International DAAAM Symposium "Intelligent Manufacturing & Automation: Focus on Precision Engineering"
<i>On the occasion of</i>	10 Years of Jena University of Applied Science / 150 Years of ÖIAV 1848 Austrian Society of Engineers and Architects
<i>Date & Place</i>	24-27th October 2001, Jena, Germany
<i>Organized by</i>	DAAAM International Vienna, Jena University of Applied Science, Vienna University of Technology - Department of Production Engineering / Intelligent Manufacturing Systems (IFT-IMS), Austrian Society of Engineers and Architects ÖIAV 1848
<i>Under the auspices of</i>	Danube Rectors' Conference & Rectors' Honor Committee of DAAAM International
<i>In cooperation with</i>	Thuringian Ministry of Sciences, Research and Culture - Erfurt,
<i>Organizer</i>	Katalinic B. (Chair), Meissner K. (Co-chair), Beez S., Buchmeister B., Doganac A., Dragecic Z., Fidi L., Gersak J., Grabenweger J., Jacob M., Kordic V., Ljoljic B., Nanasi J., Pachmann A., Schoele H., Selke K., Stopper M., Stuja K., Walther J., Widtmann G.
<i>Publication</i>	Annals of DAAAM for 2001 and Proceeding of 12th International DAAAM Symposium, ISBN 3-901509-19-4
<i>Editor</i>	Katalinic B.
2000	11th International DAAAM Symposium "Intelligent Manufacturing & Automation: Men – Machine - Nature"
<i>On the occasion of</i>	150 Years of ÖIAV 1848 Austrian Society of Engineers and Architects / 40 Years of Faculty of Engineering – University of Rijeka / 10 Years of DAAAM International
<i>Date & Place</i>	19-21st October 2000, Opatija, Croatia
<i>Organized by</i>	DAAAM International Vienna, Vienna University of Technology - Department of Production Engineering / Intelligent Manufacturing Systems (IFT-IMS)
<i>Under the auspices of</i>	Danube Rectors' Conference & Rectors' Honor Committee of DAAAM International
<i>In cooperation with</i>	Federal Ministry of Education, Sciences and Culture - Vienna, ÖIAV 1848 Austrian Society of Engineers and Architects, Union of Croatian Universities
<i>Organizer</i>	Katalinic B. et al.
<i>Publication</i>	Annals of DAAAM for 2000 and Proceeding of 10th International DAAAM Symposium, ISBN 3-901509-13-5
<i>Editor</i>	Katalinic B.
1999	10th International DAAAM Symposium "Intelligent Manufacturing & Automation: Past – Present - Future"

<i>On the occasion of</i>	10th International DAAAM Symposium, Last International DAAAM Symposium in this Millennium
<i>Date & Place</i>	21-23rd October 1999, Vienna University of Technology - Department of Production Engineering / Intelligent Manufacturing Systems (IFT-IMS), Austrian Society of Engineers and Architects ÖIAV 1848, Vienna, Austria
<i>Organized by</i>	DAAAM International Vienna, Vienna University of Technology, Department of Production Engineering / Intelligent Manufacturing Systems (IFT-IMS)
<i>Under the auspices of</i>	Danube Rectors' Conference & Rectors' Honor Committee of DAAAM International
<i>In cooperation with</i>	Federal Ministry of Sciences and Traffic - Vienna, ÖIAV 1848 Austrian Society of Engineers and Architects
<i>Organizer</i>	Katalinic B. (Chair), Adamczak S., Alpek F., Balate J., Balic J., Beer M., Buchmeister B., Celar S., Cus F., Dinnyes C., Dragcevic. Z., Duflo J. R., Egorov S., Fidi L., Grabenweger J., Gyenge C., Hajrizi E., Kerekes L., Kordic V., Kordic Z., Ljoljic B., Llorente J. I., Meissner K., Nanasi J., Papstel J., Park H.-S., Stuja K., Tabucanon M. T., Udiljak T., Ueda K., Vranjes B., Wessely E.
<i>Publication</i>	Annals of DAAAM for 1999 and Proceeding of 10th International DAAAM Symposium, ISBN 3-901509-10-0
<i>Editor</i>	Katalinic B.
1998	9th International DAAAM Symposium "Intelligent Manufacturing, Automation & Networking"
<i>On the occasion of</i>	50 Years of the Technical University of Cluj - Napoca 150 Years of ÖIAV 1848 Austrian Society of Engineers and Architects
<i>Date & Place</i>	Founding of Permanent Committee of University Network of DAAAM International Vienna 22-24th October 1998, Technical University of Cluj - Napoca, Cluj - Napoca, Romania
<i>Organized by</i>	DAAAM International Vienna, Technical University of Cluj - Napoca, Vienna University of Technology - Department of Production Engineering / Intelligent Manufacturing Systems (IFT-IMS)
<i>Under the auspices of</i>	Danube Rectors' Conference & Rectors' Honor Committee of DAAAM International
<i>In cooperation with</i>	Ministry of Research and Technology - Bucuresti, Federal Ministry of Sciences and Traffic - Vienna, Journal of Intelligent Manufacturing, ÖIAV 1848 Austrian Society of Engineers and Architects
<i>Organizer</i>	Arsin M., Beer M., Bejan M., Berce P., Borzan M., Buchmeister B., Calinescu O., Car Z., Celar S., Dusa P., Fidi L., Gheorghe I., Gramescu T., Gyenge C., Hajrizi E., Ivan N.V., Katalinic B. (Chair), Kerekes L., Lazea G., Ljoljic B., Lörincz S., Nanasi J., Nemes S., Popescu S., Pusca M., Szava T., Udiljak T., Vranjes B.
<i>Proceedings</i>	ISBN 3-901509-08-9
<i>Editor</i>	Katalinic B.
1997	8th International DAAAM Symposium "Intelligent Manufacturing & Automation"
<i>On the occasion of</i>	Founding of the University Network of DAAAM International Vienna
<i>Date & Place</i>	23-25th October 1997, ICCU - International Centre of Croatian Universities (University of Zagreb), Dubrovnik, Croatia
<i>Organized by</i>	DAAAM International Vienna, University of Zagreb, Vienna University of Technology, Department of Production Engineering / Intelligent Manufacturing Systems (IFT-IMS)
<i>Under the auspices of</i>	Danube Rectors' Conference & Rectors' Honor Committee of DAAAM International
<i>In cooperation with</i>	Ministry of Science and Technology - Zagreb, Federal Ministry of Sciences and Traffic - Vienna, Journal of Intelligent Manufacturing, ÖIAV 1848 Austrian Society of Engineers and Architects, Union of Croatian Universities, Croatian Society - KoREMA - Zagreb.
<i>Organizer</i>	Benic D., Brunsko V., Budic I., Burgjelez I., Celar S., Gojo M., Hajrizi E., Ivancic I., Jerbic B., Katalinic B. (Chair), Kovacic B., Majstorovic V., Mencer H.J., Nanasi J., Pavic I., Polic-Bobic M., Udiljak T. (Co-Chair), Veza I., Visekruna V.
<i>Proceedings</i>	ISBN 3-901509-04-6
<i>Editor</i>	Katalinic B.
1996	7th International DAAAM Symposium "Product & Manufacturing: Flexibility, Integration, Intelligence"
<i>On the occasion of</i>	1,000 Years of Austria
<i>Date & Place</i>	17-19th October 1996, Vienna, Austria
<i>Organized by</i>	DAAAM International Vienna, Vienna University of Technology, Department of Production Engineering (IFT-IMS)
<i>Under the auspices of</i>	Danube Rectors' Conference
<i>Organizer</i>	Katalinic B., Celar S., Fabian E., Nanasi J.
<i>Proceedings</i>	ISBN 3-901509-02-X
<i>Editor</i>	Katalinic B.
1995	6th International DAAAM Symposium "Intelligent Manufacturing Systems"

<i>On the occasion of</i>	50 Years of Technical University of Krakow
<i>Date & Place</i>	26 - 28th October 1995, Poland
<i>Organized by</i>	DAAAM International Vienna; Technical University of Krakow Technical University of Kielce; Vienna University of Technology - Department of Production Engineering / Intelligent Manufacturing Systems (IFT-IMS)
<i>In cooperation with</i>	IMECO; Ministry of Education, Warsaw; Ministry of Sciences and Technology, Warsaw; Federal Ministry of Sciences, Technology and Art, Vienna; BIT, Bureau for International Research and Technology Cooperation, Vienna
<i>Organizer</i>	Adamczak S., Duch A., Gawlik J., Katalinic B., Osanna H. P., Sladek J., Wantuch E., Rusiniak K., Zebala W.
<i>Proceedings</i>	ISBN 3-901509-01-1
<i>Editor</i>	Katalinic B.
<i>Co-Editors</i>	Osanna H.P., Gawlik J.
1994	5th International DAAAM Symposium "Automation and Metrology: Challenge and Chance"
<i>On the occasion of</i>	700 Years of City of Maribor, 35 Years of Faculty of Technical Sciences
<i>Date & Place</i>	27-28th October 1994, Maribor, Slovenia
<i>Organized by</i>	DAAAM International Vienna, University of Maribor, Faculty of Technical Sciences
<i>In cooperation with</i>	IMECO; Ministry of Sciences and Technologies, Ljubljana Federal Ministry of Sciences, Technology and Art, Vienna
<i>Organizer</i>	Balic J., Cus F., Katalinic B., Novak D., Osanna H. P., Sujica M. Z.
<i>Proceedings</i>	ISBN 3-901509-00-3, ISBN 86-435-0084-4
<i>Editors</i>	Katalinic B., Osanna H.P., Balic J., Cus F.
1993	4th International DAAAM Symposium "Automation and Metrology: Man, Technology, Environment"
<i>On the occasion of</i>	750 Years of City of Brno
<i>Date & Place</i>	16-18th September 1993, Brno, Czechia
<i>Organized by</i>	DAAAM International Vienna; Technical University of Brno, Faculty of Mechanical Engineering
<i>In cooperation with</i>	IMECO, IUTAM
<i>Organizer</i>	Balate J., Dvorak J., Kadrnozka J., Katalinic B., Lacko B., Osanna H. P., Skopal M., Vavrin P.
<i>Editors</i>	Katalinic B., Osanna H.P.
1992	3rd International DAAAM Symposium "Flexible and Intelligent Automation"
<i>Date & Place</i>	4-6th November 1992, Budapest, Hungary
<i>Organized by</i>	DAAAM International Vienna; Technische Universität Budapest, Department of Production Engineering
<i>In cooperation with</i>	IMECO
<i>Organizer</i>	Alpek F., Arz G., Katalinic B., Osanna H. P., Szelig T., Jerzsabek P.
<i>Editor</i>	Katalinic B.
1991	2nd International DAAAM Symposium "Flexible Automation"
<i>Date & Place</i>	9-13th December 1991, Strbske Pleso, Slovakia, Czechoslovakia
<i>Organized by</i>	DAAAM International Vienna; House of Technology, Bratislava; Technical University of Kosice, Faculty of Mechanical Engineering, Department of Automated Production Systems
<i>Organizer</i>	Sebo D., Wessely E., Kovacik J., Katalinic B.
<i>Proceedings</i>	ISBN 80-233-0225-6
1990	1st International DAAAM Symposium „Automatization and Measurement Technique“
<i>On the occasion of</i>	175 Years of Vienna University of Technology
<i>Date & Place</i>	5th November 1990, Vienna, Austria
<i>Organized by</i>	DAAAM International Vienna, Vienna University of Technology - Department of Production Engineering / Intelligent Manufacturing Systems (IFT-IMS), ÖIAV, Sections: Measurement and Automation, ASES, Robotics
<i>Organizer</i>	Beer R. J., Osanna H. P., Katalinic B.
<i>Editor</i>	Katalinic B.

11.0 BEST PAPER / PRESENTATION DAAAM AWARD

Since 1999 the DAAAM International Vienna recognizes excellence of contributions in a number of ways. There are three categories for papers:

- Best Paper Award of DAAAM International for the best paper presented at Symposium,
- DAAAM International Award for Best Oral Presentation of Paper,
- DAAAM International Award for Best Visual Presentation of Paper.

The Awards are made at the Closing Section and Best Paper Award Ceremony of the Symposium takes part on Friday at 17:00 hours. The Award Committee of DAAAM International makes the evaluation of presented papers during the Symposium. The final decisions are made by the President of the Award Committee of DAAAM International. Former Presidents of the Paper Award Committee of DAAAM International are: 2006 Professor Vladimir Filaretov, 2005 Professor Ueda, 2004 Professor Franc Cus, 2003 Professor Jyri Papstel, 2002 Professor Kanji Ueda, 2001 Professor Toma Udiljak, 2000 Professor Jyri Papstel, and 1999 Professor Kanji Ueda. The President and the final list of the members of the Committee will be announced at Opening Ceremony of the Symposium. All (co)authors of awarded papers are getting the certificate, the paper (main author) additionally getting Best Paper Medal. The layout of the Best Paper Medal you can see at the cover of this publication. The papers which authors are member of the Award committee and the papers which are not presented at Symposium are excluded from competition and can not get the Award.

12.0 DAAAM INTERNATIONAL YOUNG RESEARCHER AND SCIENTIST AWARD

DAAAM International Vienna wants to recognize excellence of contributions of young researchers and scientists, and their supervisors and mentors. Starting with the 1st European DAAAM International Young Researchers' and Scientists' Conference, and 18th DAAAM International Symposium "Intelligent Manufacturing and Automation: Focus on Creativity, Responsibility and Ethics of Engineers", which are held 24-27th October 2007 in Zadar, Croatia, the best young researchers and scientists will be honoured by "DAAAM International Young Researchers and Scientist Award" Awards are possible in following categories:

Related to:	Categories:
Paper:	Best Paper / Best Oral Presentation / Best Graphic Presentation / Best Poster Presentation / Best Demonstration
Supervisor / Mentor:	Best Supervisor/Mentor / Best Team Manager / Best Project Manager / Best Leader / Best Female Supervisor
Quality of Project / Research:	Best Industrial Project / Best Research Project / Best Application / Best Innovation / Best Theory
Contest:	Interdisciplinarity / European Relevance / Future Oriented / Ethics / Harmony with Nature
Thesis:	Best Bachelors Thesis / Best Master Thesis / Best Diploma Thesis / Best MBA Thesis / Best PhD/Doctor Thesis
Team:	Best Team / Best University Team / Best Firm / Best International Team / Youngest Team

In the case of extraordinary contributions which can not be expressed by above mentioned recognitions is possible to make a Special Award. The Awards are made at the Closing Section of the Symposium. The final decision is made by President of the Award Committee of DAAAM International for actual year. Former Presidents of the Award Committee are recognised international leading experts and professors. All awarded authors and co-authors of paper are getting attractive **DAAAM International Best Award Certificate**. The Award Certificates are personal, very nice professional designed, framed and ready to hang in your room. Authors' team is getting one medal named: "**DAAAM International Young Researcher and Scientist Award**". This Medal is designed by: Branko Katalinic; Sabine Wulfert, and Igor Drstvensek who made the prototype and first edition of medals in 2007. This medal is sponsored by concern Festo.

Very Important: The papers which authors are member of the Award Committee and the papers which are not presented at Symposium are excluded from competition and can not get the Award.

13.0 FESTO YOUNG RESEARCHERS AND SCIENTISTS SUPPORT SCHOLARSHIP

Since 2007 concern Festo gives, by courtesy of Dr. Wilfried Stoll, support scholarship to excellent young researchers and scientists to present own research results at European DAAAM International Young Researchers' and Scientists' Conferences, and DAAAM International Symposiums "Intelligent Manufacturing and Automation". This scholarship covers conference fee, accommodation and (partly) travel expenses. Conditions for winning this scholarship are: candidate must come to conference and must present own research results, candidate must have high quality research and presentation, and candidates have to come from different countries. The winners are getting special "Certificate of Attendance" with special text "...participated as winner of Festo Young Researcher and Scientist Support Scholarship". The awards are made at the closing ceremony, and given by high representative of concern Festo. The first representative for 2007 is Ing. Wolfgang Keiner, general manager Festo Austria.

14.0 BEST DIGITAL PHOTO DAAAM AWARD

Importance of digital photography for research, publishing and social relations is rapidly increased during last time. For that reason we are going to establish DAAAM International Photo Gallery with photos which are related to the symposium and our activities (place, people, situation, art, special effects). The gallery will be free accessed and searchable. For this project we are looking for amateur photographs among the participants to be official photographs of DAAAM International and member of DAAAM International Photo Team. Digital photos can be given during the symposium to the organizer, or send after symposium by e-mail. All photos which are technically good made will be included in the gallery. On the next symposium the up to three authors of nicest photos will get Best Digital Photo Award.

15.0 BEST TASTE AND SMELL OF DAAAM AWARD

"Best Taste and Smell of DAAAM International": Many of colleagues in DAAAM International network are excellent hobby cooks, liquor maker or winemaker. Each year we are making small tasting of their specialities under the motto "Best taste and smell of DAAAM International". Authors are encouraged to bring some self-made specialities to DAAAM symposium. The best will be honoured with "Best Taste and Smell DAAAM International Award".

16.0 DAAAM INTERNATIONAL SPECIALIZED CONFERENCES

2007	1st DAAAM International Specialized Conference on Additive Technologies
<i>Founder and Chair</i>	Katalinic B.
<i>Date & Place</i>	20th April 2007, Celje, Slovenia
<i>Organized by</i>	DAAAM International Vienna / RAPIMAN – Rapid Prototyping and Innovative Manufacturing Network / Vienna University of Technology - Department of Production Engineering / Intelligent Manufacturing Systems (IFT-IMS), / University of Maribor , Faculty of Mechanical Engineering - Department of Production Engineering / ÖIAV 1848 Austrian Society of Engineers and Architects / University of Applied Sciences - Technikum
<i>Organizers</i>	Drstvensek, Igor (Chair) / Katalinic Branko (Co-Chair) / Valentan, Bogdan / Brajljeh, Tomaz / Tercek, Tomaz / Reinhardt, Andrea / Ficko, Mirko / Pogacar, Vojko / Dolinsek, Slavko
<i>Proceedings</i>	ISBN 3-901509-61-5, ISSN1992-5085
<i>Editors</i>	Drstvensek I.[gor] & Katalinic B.[ranko]
<i>Published by</i>	DAAAM International Vienna

17.0 DAAAM INTERNATIONAL CONFERENCES "ADVANCED TECHNOLOGIES FOR DEVELOPING COUNTRIES"

2006	5th DAAAM International Conference on Advanced Technologies for Developing Countries, ATDC-2006
<i>Founder and Chair</i>	Katalinic B.
<i>Date & Place</i>	28-30 June 2006, Rijeka, Croatia
<i>Organized by</i>	University of Rijeka, Faculty of Engineering, DAAAM International Vienna
<i>Organizers</i>	Mikac T.[onci] (Chair), Car Z.[latan] (Co-chair), Barisic B.[ranimir], Cukor G.[oran], Ikonc M.[ilan], Pavletic D.[usko], Perinic M.[laden], Blazevic D.[alibor], Jurkovic Z.[oran]
<i>Proceedings</i>	ISBN 3-901509-54-2 (Book), ISBN3-901509-55-0 (CD), ISBN 953-6326-45-0
<i>Editors</i>	Mikac T.[onci] & Katalinic B.[ranko]
<i>Published by</i>	University of Rijeka, Faculty of Engineering, DAAAM International Vienna
2005	4th DAAAM International Conference on Advanced Technologies for Developing Countries, ATDC-2005
<i>Founder and Chair</i>	Katalinic B.
<i>Date & Place</i>	September, 21-24th, 2005, Slavonski Brod, Croatia
<i>Organized by</i>	Faculty of Mechanical Engineering, Josip Juraj Strossmayer University of Osijek; DAAAM International Vienna
<i>On the occasion of</i>	30th Anniversary of Josip Juraj Strossmayer University of Osijek
<i>Organizers</i>	Budic, Ivan (Chair); Kljain Milan (Co-Chair); Kozak, Drazen (Secretary); Katalinic, Branko (Chair of Program Committee), Raos, Pero; Saric, Tomislav; Stojic, Antun; Simunovic, Goran; Novoselovic, Daniel; Karakasic, Mirko
<i>Proceedings</i>	ISBN 3-901509-49-6 ISBN 953-6048-29-9
<i>Editors</i>	Kljain M.[ilan], Katalinic B.[ranko] & Budic I.[van]
<i>Published by</i>	DAAAM International Vienna; Faculty of Mechanical Engineering Slavonski Brod Josip Juraj

	Strossmayer University of Osijek
2004	3rd DAAAM International Conference on Advanced Technologies for Developing Countries, ATDC-2004
<i>Founder and Chair</i>	Katalinic B.
<i>Date & Place</i>	June 23-26, 2004, Split, Croatia
<i>Organized by</i>	Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, University of Split; DAAAM International Vienna
<i>Organizers</i>	Ivica Veža (Chairman); Željko Domazet (Co-Chairman); Branko Katalinic (Co-Chairman); Tonči Grubić (Secretary), et al.
<i>Proceedings</i>	ISBN 3-901509-41-0
<i>Editors</i>	Katalinic B.[ranko] & Veza, I.[vica]
<i>Published by</i>	DAAAM International Vienna; Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, University of Split;
2003	2nd DAAAM International Conference on Advanced Technologies for Developing Countries, ATDC-2003
<i>Founder and Chair</i>	Katalinic B.
<i>Date & Place</i>	25-28th June 2003, Tuzla, Bosnia and Herzegovina
<i>Organized by</i>	Faculty of Mechanical Engineering, University of Tuzla; DAAAM International Vienna
<i>On the occasion of</i>	40th Anniversary of Mechanical Engineering Study in Tuzla
<i>Organizers</i>	Tufekcic, Dzemo (Chair); Katalinic, Branko (Co-Chairman); Widtmann, Georg (Co-Chairman); Topcic, Alen (Secretary); Kapetanovic, Izrudin; Alagic, Sandira; Alic, Izet; Buljubasic, Indira; Hadzic, Seniha; Mehmedovic, Muhamed; Mujic, Elvedin; Nezirevic, Salahudin; Saric, Emir; Kapetanovic, Irena
<i>Proceedings</i>	ISBN 3-901509-35-6
<i>Editors</i>	Katalinic B.[ranko] & Tufekcic, Dz.[emo]
<i>Published by</i>	DAAAM International Vienna; University of Tuzla - Faculty of Mechanical Engineering
2002	1st DAAAM International Conference on Advanced Technologies for Developing Countries, ATDC-2002
<i>Founder and Chair</i>	Katalinic B.
<i>Date & Place</i>	12-14th September 2002, Slavonski Brod, Croatia
<i>Organized by</i>	Faculty of Mechanical Engineering, Strossmayer University of Osijek; DAAAM International Vienna
<i>On the occasion of</i>	40th Anniversary of Mechanical Engineering Study in Slavonski Brod
<i>Organizers</i>	Majdandzic, Niko (Chair), Kljajin M. (Co-Chair), Kozak D. (Secretary), Cicak M., Galeta T., Hnatko E., Ivandic Z., Lujic R., Maglic L., Maticevic G., Raos P., Stojic A., Saric T., Simunovic K., Simunovic G., Vujcic D.
<i>Proceedings</i>	ISBN 3-901509-32-1; ISBN 953-7611-64-X
<i>Published by</i>	DAAAM International Vienna; Strossmayer University of Osijek - Faculty of Mechanical Engineering; Grafika Osijek
<i>Editors</i>	Katalinic B.[ranko] & Kljajin M.[ilan]



18.0 DAAAM INTERNATIONAL WORKSHOPS "COMPUTER AIDED SYSTEMS AND TECHNOLOGIES"

This workshop is based on the bilateral co-operation between two similar departments of the Faculties of Mechanical Engineering of the University of Zilina, Slovakia and Cracow University of Technology - CUT, Cracow, Poland. Those activities are supported by DAAAM National Organisations of Poland and Slovakia, and DAAAM International. In order to install this workshop as stable long-term regional platform for the *CA Systems and Technologies* fields it was decided to found:

Permanent Committee of Workshop:

Permanent Members:

- I. Kuric (*University of Zilina, Zilina, Slovakia*),
- B. Katalinic (*Vienna University of Technology and DAAAM International, Vienna, Austria*),
- J. Duda (*CUT, Cracow, Poland*).

Academic Year	Members	Institutions
2006/2007	B. Barisic R. Cotetiu L. Goldhahn J. Marcincin H. Sjolander P. Šugár N. Ungureanu	<i>University of Rijeka, Croatia</i> <i>University of Baia Mare, Romania</i> <i>FH Mittweida, Germany</i> <i>TU Kosice, Slovakia</i> <i>University of Kristianstad, Sweden</i> <i>TU Zvolen, Slovakia</i> <i>University of Baia Mare, Romania</i>
2005/2006	R. Cotetiu J. Marcincin J. Matuszek S. Legutko P. Šugár N. Ungureanu	<i>University of Baia Mare, Romania</i> <i>TU Kosice, Slovakia</i> <i>University of Bielsko Biala, Poland</i> <i>PUT Poznan, Poland</i> <i>TU Zvolen, Slovakia</i> <i>University of Baia Mare, Romania</i>
2004/2005	L. Goldhahn J. Madl J. Marcincin E. Pay D. Plinta G. Varga	<i>FH Mittweida, Germany</i> <i>CVUT Prague, Czech Republic</i> <i>TU Kosice, Slovakia</i> <i>University of Baia Mare, Romania</i> <i>University of Bielsko Biala, Poland</i> <i>University of Miskolc, Hungary</i>
2003/2004	D. Georgiev L. Goldhahn J. Manlig J. Marcincin G. Varga	<i>TU Varna, Bulgaria</i> <i>FH Mittweida, Germany</i> <i>TU Liberec, Czech Republic</i> <i>TU Kosice, Slovakia</i> <i>University of Miskolc, Hungary</i>
2002/2003	D. Kumericakova S. Legutko J. Marcincin I. Neaga A. Pendrey J. Peterka L. Soos	<i>University of Zilina, Slovakia</i> <i>PUT Poznan, Poland</i> <i>TU Kosice, Slovakia</i> <i>University of Loughborough, U.K.</i> <i>TU Birmingham, U.K.</i> <i>STU Trnava, Slovakia</i> <i>STU Bratislava, Slovakia</i>
2001/2002	N. Cubonova S. Legutko J. Marcincin I. Neaga J. Peterka L. Soos	<i>University of Zilina, Slovakia</i> <i>PUT Poznan, Poland</i> <i>TU Kosice, Slovakia</i> <i>TU Iasi, Romania</i> <i>STU Trnava, Slovakia</i> <i>STU Bratislava, Slovakia</i>
2000/2001	N. Cubonova S. Legutko J. Marcincin I. Neaga J. Peterka L. Soos	<i>University of Zilina, Slovakia</i> <i>PUT Poznan, Poland</i> <i>TU Kosice, Slovakia</i> <i>TU Iasi, Romania</i> <i>STU Trnava, Slovakia</i> <i>STU Bratislava, Slovakia</i>
1999/2000	S. Legutko J. Marcincin I. Neaga	<i>PUT Poznan, Poland</i> <i>TU Kosice, Slovakia</i> <i>TU Iasi, Romania</i>

The main aim of the Permanent Committee is to prepare the DAAAM International workshops oriented on CA systems and technologies and propagate all accompanying activities during academic year (projects, WEB journal, common publications, PhD seminars, exchange of students and lectures, etc.). The list of workshops organised during the past.

2006	11th DAAAM International Workshop “CA Systems and Technologies”
<i>Date & Place</i>	2 – 4th October 2006, Cracow, Poland
<i>Organized by</i>	CUT Cracow, University of Zilina, DAAAM International Vienna
<i>Organisers</i>	Duda J., Kuric I., Katalinic B.
<i>Proceedings</i>	ISBN 3-901509-56-9
<i>Editors</i>	Duda J., Kuric I., Katalinic B.
2005	10th DAAAM International Workshop “CA Systems and Technologies”
<i>Date & Place</i>	12 – 14th December 2005, Strecno - Zilina, Slovak Republic
<i>Organized by</i>	University of Zilina, CUT Cracow, DAAAM International Vienna
<i>Organisers</i>	Kuric I., Duda J., Katalinic B.
<i>Proceedings</i>	ISBN 3-901509-51-8
<i>Editors</i>	Kuric I., Katalinic B.
2004	9th DAAAM International Workshop “CA Systems and Technologies”
<i>Date & Place</i>	5 - 6th October 2004, Cracow, Poland
<i>Organized by</i>	CUT Cracow, University of Zilina, DAAAM International Vienna
<i>Organisers</i>	Duda J., Kuric I., Katalinic B.
<i>Proceedings</i>	ISBN 83-7242-320-2
<i>Editors</i>	Duda J., Katalinic B.
2003	8th DAAAM International Workshop “CA Systems and Technologies”
<i>Date & Place</i>	29th September - 1st October 2003, Strecno - Zilina, Slovak Republic
<i>Organized by</i>	University of Zilina, CUT Cracow, DAAAM International Vienna
<i>Organisers</i>	Duda J., Kuric I., Katalinic B.
<i>Proceedings</i>	ISBN 3-901509-39-9
<i>Editors</i>	Kuric I., Katalinic B.
2002	7th DAAAM International Workshop “CA Systems and Technologies”
<i>Date & Place</i>	8-9th October 2002, CUT Cracow, Poland
<i>Organized by</i>	CUT Cracow, University of Zilina, DAAAM International Vienna
<i>Organisers</i>	Duda J., Kuric I., Katalinic B.
<i>Proceedings</i>	ISBN 3-901509-33-X
<i>Editors</i>	Duda J., Katalinic B.
2001	6th DAAAM International Workshop “CA Systems and Technologies”
<i>Date & Place</i>	25-26th September 2001, Sulov, Slovak Republic
<i>Organized by</i>	University of Zilina, CUT Cracow, DAAAM International Vienna
<i>Organisers</i>	Duda J., Kuric I., Katalinic B.
<i>Proceedings</i>	ISBN 3-901509-27-5
<i>Editors</i>	Kuric I., Katalinic B.
2000	5th DAAAM International Workshop “CA Systems and Technologies”
<i>Date & Place</i>	28-29th September 2000, Cracow, Poland
<i>Organized by</i>	CUT Cracow, University of Zilina, DAAAM International Vienna
<i>Organisers</i>	Duda J., Kuric I., Katalinic B.
<i>Proceedings</i>	ISBN 3-901509-16-X
<i>Editors</i>	Duda J., Kuric I., Katalinic B.
1999	4th DAAAM International Workshop “CA Systems and Technologies: Advanced Methodology of Process Planning”
<i>Date & Place</i>	12-13th October 1999, Zilina, Slovak Republic
<i>Organized by</i>	University of Zilina, VUT Vienna, CUT Cracow, DAAAM International Vienna, DAAAM Slovakia, DAAAM Poland
<i>Organisers</i>	Kuric I., Katalinic B., Duda J., Poppeova V., Marcincin J.
<i>Proceedings</i>	ISBN 3-901509-12-7
<i>Editors</i>	Kuric I., Katalinic B.
1998	3rd DAAAM International Workshop “CA Systems and Technologies”
<i>Date & Place</i>	29-30th September 1998, Cracow, Poland
<i>Organized by</i>	CUT Cracow, University of Zilina, DAAAM Poland, DAAAM Slovakia, DAAAM International Vienna
<i>Organisers</i>	Kuric I., Katalinic B., Duda J., Poppeova V., Marcincin J.
<i>Editor</i>	Kuric I.

1997	2nd International DAAAM Workshop "CA Systems and Technologies"
<i>Date & Place</i>	19th March 1997, Zilina, Slovakia
<i>Organized by</i>	University of Zilina, Faculty of Mechanical Engineering, DAAAM International Vienna; DAAAM Slovakia
<i>Organizer</i>	Cubanova N., Janac A., Kuric I., Micieta B., Wessely E.
<i>Editor</i>	Kuric I.

19.0 DAAAM INTERNATIONAL WORKSHOPS "INTELLIGENT MANUFACTURING SYSTEMS"

Founder and chair of DAAAM International workshop on Intelligent Manufacturing Systems is Professor Emil Wessely, Technical University of Kosice.

2002	4th DAAAM Workshop "Human Factor and Environmentalist"
<i>Date & Place</i>	5th December 2002, Kosice, Slovakia
<i>Organized by</i>	Department of Environmental Studies and Operations Management of Mechanical Engineering Faculty of Technical University of Kosice, DAAAM International Vienna
<i>Organized in cooperation with</i>	Slovak Technical Museum of Kosice
<i>Organisers</i>	Oesterreichische Sued-Ost Institut - Vienna
<i>Supported by</i>	Badida M., Wessely E., Bosak M., Majernik M., Lumnitzer E., Kralikova R., Evin E., Rovnak M., Hricova B., Karaszova I., Liberkova L., Verebova H.
<i>Proceedings</i>	Action Austria - Slovakia
<i>Editors</i>	ISBN 3-901509-37-2 Katalinic B., Wessely E.
2001	3rd DAAAM Workshop "Intelligent Manufacturing Systems"
<i>Date & Place</i>	29 November 2001, Kosice, Slovakia
<i>Organized by</i>	Technical University of Kosice, DAAAM International Vienna, DAAAM Slovakia
<i>Organized in cooperation with</i>	Action Austria-Slovakia, Faculty of Mechanical Engineering - Technical University of Kosice, Slovak Community for System Integration, Slovak Mechanical Engineering Association
<i>Organisers</i>	Wessely E.(Chair), Badida M., Seminsky J., Evin E., Ljolic B., Kordic V., Pecha C., Rovnak M., Taticek F.
<i>Supported by</i>	Action Austria - Slovakia
<i>Proceedings</i>	ISBN 3-901509-31-3
<i>Editors</i>	Katalinic B., Wessely E.
2000	2nd DAAAM Workshop "Intelligent Manufacturing Systems"
<i>Date & Place</i>	30 November 2000, Kosice, Slovakia
<i>Organized by</i>	Technical University of Kosice, DAAAM International Vienna, DAAAM Slovakia
<i>Organized in cooperation with</i>	Action Austria-Slovakia, Faculty of Mechanical Engineering - Technical University of Kosice, Slovak Committee for Management - ZVTS Bratislava, Slovak Mechanical Engineering Association
<i>Organizer</i>	Wessely E.(Chair), Seminsky J., Badida M., Evin E., Paralic J., Knoflicek R., Hradocky L., Bosak M., Kozak L., Vargova J.
<i>Supported by</i>	Action Austria - Slovakia
<i>Proceedings</i>	ISBN 3-901509-18-6
<i>Editors</i>	Katalinic B., Wessely E.
1997	1st DAAAM Workshop "Intelligent Manufacturing Systems"
<i>Date & Place</i>	28th November 1997, Kosice, Slovakia
<i>Organized by</i>	Technical University of Kosice, DAAAM International Vienna, DAAAM Slovakia
<i>Organized in cooperation with</i>	Action Austria-Slovakia, Faculty of Mechanical Engineering - Technical University of Kosice, Slovak Committee for Management - ZVTS Bratislava, Slovak Mechanical Engineering Association
<i>Organisers</i>	Wessely E. (Chair), Seminsky J., Evin E., Kovacik J.
<i>Proceedings</i>	ISBN 3-901509-09-7
<i>Editor</i>	Seminsky J.[aroslav]

20.0 DAAAM INTERNATIONAL WORKSHOPS

As an extension of the Symposiums, International Workshops focussing on key issues are arranged. A number of these are detailed below.

1999	1st International Regional DAAAM-CEEPUS Workshop on Intelligent Machines and Technologies in the 21st Century
<i>Date & Place</i>	27-29th May 1999, Miskolc, Hungary
<i>Organized by</i>	Faculty of Mechanical Engineering, University of Miskolc in co-operation with DAAAM International Vienna
<i>Proceedings</i>	ISBN 3-901509-14-3
<i>Organizer</i>	Cselenyi J., Alpek F., Katalinic B., Kalmar L., Terstyanszky G., Kerekes I., Siposs I., Peter J.
1996	4th International DAAAM Workshop "CAD & Intelligent Manufacturing Systems"
<i>Date & Place</i>	22nd February 1996, Kosice, Slovakia
<i>Organized by</i>	DAAAM International Vienna; DAAAM Slovakia; Technische Universität Kosice, House of Technology, Informatech
<i>Proceedings</i>	ISBN 80-967223-8-7
<i>Organizer</i>	Katalinic B., Seminsky J., Wessely E.
1995	3rd International DAAAM Workshop "Intelligent Manufacturing Systems"
<i>Date & Place</i>	31st May 1995, Kosice, Slovakia
<i>Organized by</i>	DAAAM International Vienna; DAAAM Slovakia; Technische Universität Kosice, KAVS; Slovak-Austrian Society Kosice
<i>Organizer</i>	Katalinic B., Seminsky J., Wessely E.
1995	2nd International DAAAM Workshop "Integration of Applications"
<i>Date & Place</i>	15th May 1995, IBM Austria, Vienna, Austria
<i>Organized by</i>	DAAAM International Vienna; IBM Österreich; IBM Central Europe and Russia; AKS
<i>Organizer</i>	Beer M., Hansjakob K., Katalinic B., Kaufmann A., Lerch Z., Steinbichler J., Zucker R.
1994	1st International DAAAM Workshop "Automatic Identification in Theory and Praxis"
<i>Date & Place</i>	28th April 1994, Vienna University of Technology, Vienna, Austria
<i>Organized by</i>	DAAAM International Vienna; DATALOGIC; Vienna University of Technology, Department of Production Engineering, IFT-IMS
<i>Organizer</i>	Bruck P., Katalinic B., Lerch Z.
1991	1st International DAAAM Seminar "Concurrent Engineering"
<i>Date & Place</i>	17-18th April 1991, Kosice, Czechoslovakia
<i>Organized by</i>	Schlumberger Technologies, CAD/CAM Division – Wien; Department for Automatic Production Systems, Faculty of Mechanical Engineering, Technical University of Kosice
<i>Organizer</i>	Wessely E., Katalinic B., Ljuhar D.

21.0 INTERNATIONAL CONFERENCES ORGANIZED IN COOPERATION WITH DAAAM INTERNATIONAL AND/OR DAAAM NATIONAL

2006	3rd International Textile Clothing & Design Conference, ITC&DC 2006
<i>Date & Place</i>	8-11th October 2006, Dubrovnik, Croatia
<i>Organized by</i>	Faculty of Textile Technology, University of Zagreb
<i>Under the auspices of</i>	Croatian Ministry of Science, Education and Sport; University of Zagreb; Croatian Ministry of Economy, Labour and Entrepreneurship; Croatian Chamber of Economy
<i>In cooperation with</i>	DAAAM International Vienna; Association of Universities for Textile, Ghent, Belgium; The Textile Institute, Manchester, Great Britain; The International Textile Academia New Delhi; Croatian Academy of Engineering; Croatian Societs of Chemical Engineers; AATCC, United States of America; IFKT, Reutlingen, Germany; INA Oil Industry, Zagreb, Croatia; City of Dubrovnik, Croatia
<i>Organizers</i>	Dragcevic Z. (Chair), Vuljanic N. (Co-Chair), Bobovcan M., Bogovic S., Geratovic I., Hursa A., Jandric Dj., Martek M., Matusic K., Mauser B., Petrunic I., Vujasinovic E.
<i>Proceedings</i>	953-7105-12-1
<i>Editors</i>	Dragcevic, Z.[vonko]
<i>Published by</i>	Faculty of Textile Technology, University of Zagreb
2006	11th International FMTŪ Conference for Young Researchers: Focus on IMS and Environmentally friendly technologies
<i>Date & Place</i>	24-25 March 2006, Cluj -Napoca, Romania
<i>Organized by</i>	Technical Section of Transylvanian Museum Society (EME)
<i>Under the auspices of</i>	DAAAM International Viena
<i>In cooperation with</i>	Hungarian Academy of Sciences

<i>Organizers</i>	Gyenge Csaba - president of Scientific Committee Bitay Eniko - president of Organizing Committee
<i>Proceedings</i>	ISBN 973-82331-50-7
<i>Editors</i>	Gyenge C.[saba] & Katalinic B.[ranko]
<i>Published by</i>	Transylvanian Museum Society (EME) - external section of Hungarian Academy of Science
2006	5th International Conference of DAAAM Baltic "Industrial Engineering – Adding Innovation Capacity of Labour Force and Entrepreneur"
<i>Date & Place</i>	20-22nd April 2006, Tallinn Technical University, Estonia
<i>Organized by</i>	Tallinn University of Technology, Faculty of Mechanical Engineering, DAAAM Estonia
<i>Under Auspices of</i>	DAAAM International Vienna
<i>In cooperation with</i>	DAAAM International Vienna , BALTECH Consortium, Estonian Academy of Science, Federation of Estonian Engineering Industries, Associations of Estonian Mechanical Engineers
<i>Proceedings</i>	ISBN 9985-894-92-8
<i>Referred/indexed in</i>	ISI Proceedings
<i>Editor</i>	Kyttner R.
2004	3rd International Conference Business Systems Management UPS 2004
<i>Date & Place</i>	23-24 th September 2004, Mostar, Bosna and Herzegovina
<i>Organized by</i>	University of Mostar Faculty of Mechanical Engineering and Computing, DAAAM International Vienna, Austrian Society of Engineers and Architects OEIAV-1848, Scientific and Technical Forum of Mostar
<i>Under Auspices of</i>	Presidency of Bosnia and Herzegovina
<i>Organizers</i>	Majstorovic V. (Chair), Katalinic B. (Chair), Covic D., Visekruna, V.
<i>Proceedings</i>	ISBN 3-901509-24-0
<i>Editors</i>	Majstorovic V., Katalinic B., Covic D., Visekruna, V.
2004	The 5th International Workshop on Emergent Synthesis
<i>Date & Place</i>	May 24-25, 2004, Budapest, Hungary
<i>Organized by</i>	Computer and Automation Research Institute, Hungarian Academy of Sciences
<i>Chair</i>	L. Monostori, B. Katalinic, K. Ueda
2004	4th International DAAAM Conference "Industrial Engineering – Innovations as Competitive Edge for "
<i>Date & Place</i>	29-30th April 2004, Tallinn Technical University, Estonia
<i>Organized by</i>	Tallinn Technical University - Department of Machinery, DAAAM Estonia, DAAAM International Vienna
<i>In cooperation with</i>	Baltic Rector's Council; Association of Estonian; Mechanical Engineers, Federation of Estonian Engineering Industries
<i>Proceedings</i>	ISBN 9985-894-59-6
<i>Editors</i>	Papstel J., Katalinic, B.
2003	The 1st European-Pacific Congress Globalization: Interaction of Economies, Cultures, Technologies, and Nature,
<i>Date & Place</i>	23-26th September, 2003, Vladivostok, Russia
<i>Organised by</i>	Association "International Assembly of Capitals and Cities"; DAAAM International Vienna; Far Eastern State Technical University; Far Eastern National University; Maritime State University; International Engineering Academy Primorsk Chamber of Commerce & Industry; Far Eastern Branch of the Russian Academy of Sciences; Russian PEN Center; Vladivostok City Administration; Vladivostok Program Committee; Vladivostok State University of Economics
<i>Organizers</i>	Yu.M. Kopylov (Chairman); (Co-Chairman); G.S. Vishnyakova (Co-Chairman); I.V. Abrosjkin (Co-Chairman); Branko Katalinic (Co-Chairman); M.M. Sokolov, (Co-Chairman); A.A. Akhonin (Coordinator); R.G. Kazmiruk (Secretary)
<i>Proceedings</i>	in Print
2003	The 8th Scientific Conference of Young Technical Researches, FMTU-2003
<i>Date & Place</i>	21-22nd March 2003, Cluj-Napoca
<i>Organised by</i>	Technical Section of The Transylvanian Museum Association
<i>Organizers</i>	President of Scientific Committee: Professor Dr Csaba Gyenge
<i>Proceedings</i>	953-96408-8-1
<i>Editors</i>	Gyenge C.[saba]
2002	1st International Textile Clothing & Design Conference, ITC&DC
<i>Date & Place</i>	6-9th October 2002, Dubrovnik, Croatia
<i>Organized by</i>	Faculty of Textile Technology, University of Zagreb
<i>Under the auspices of</i>	DAAAM International Vienna; Association of Universities for Textile, Ghent, Belgium; The Textile Institute, Manchester, Great Britan; International Textile Academia; University of Zagreb; Croatian Academy of Engineering

<i>On the occasion of</i>	40th Anniversary of University Education and Scientific Research in the Field of Textiles and Textile Technology in Croatia
<i>Organizers</i>	Dragcevic Z. (Chair), Vuljanic N. (Co-Chair), Grundler D., Hursa A., Krmpotic N., Rolich T., Rogale D., Vujasinovic E.
<i>Proceedings</i>	953-96408-8-1
<i>Editors</i>	Dragcevic, Z.[vonko]
<i>Published by</i>	Faculty of Textile Technology, University of Zagreb
2002	8th International Conference on Soft Computing: MENDEL 2002
<i>Date & Place</i>	5-7th June 2001, Brno, Czech Republic
<i>Organized by</i>	Brno University of Technology, Faculty of Mechanical Engineering, Institute of Automation and Computer Science; DAAAM International Vienna, Austria; Foundation for Advanced Information Technology GENOPS, Ltd
<i>Organizers</i>	Ošmera P., Šeda M., Dvořák J., Roupec J., Matousek R.
2001	5th International Conference Modern Technologies in Manufacturing MTeM 2001:
	Assembly and disassembly, CIM, Cold Metal forming technologies, Concurrent Engineering, Ecological Design, Flexible Manufacturing Systems, Industrial Automation, Nonconventional technologies, Rapid Prototyping, Quality Assurance, Robotics
<i>Date & Place</i>	4-6th October 2001, Cluj-Napoca, Romania
<i>Organized by</i>	Technical University of Cluj Napoca, Faculty of Machine Building, DAAAM International Vienna, S.C. Fortpres Cluj-Napoca, S.C. Plastor Oradea, AGIR- General Association of Engineers from Romania
<i>Organizers</i>	Gyenge C. (Chair) et al.
<i>Proceedings</i>	ISBN 973-85354-1-7
<i>Editors</i>	Gyenge C.
2001	7th International Conference Maintenance 2001
<i>Date & Place</i>	25-26th June 2001, Opatija, Croatia
<i>Organized by</i>	Croatian Maintenance Society
<i>In cooperation with</i>	DAAAM International Vienna, Union of Croatian Engineers
<i>Organizers</i>	Ivančić I., Cala I., Frković D., Sacevic T., Podgorčić D., Madžarević P., Kristovic D., Poljak K., Kudelić, R., Ugarković Ž., Susanj B., Pavlovic A.
2001	7th International Conference on Soft Computing: MENDEL 2001: Evolutionary Computation, Genetic Programming, Fuzzy Logic, Rough Sets, Neural Networks, Fractals, Bayesian Methods
<i>Date & Place</i>	6--8th June 2001, Brno, Czech Republic
<i>Organized by</i>	Brno University of Technology, Faculty of Mechanical Engineering, Institute of Automation and Computer Science; DAAAM International Vienna, Austria; Foundation for Advanced Information Technology GENOPS, Ltd
<i>Organizers</i>	Ošmera P., Šeda M., Dvořák J., Roupec J., Matousek R.
2001	2nd International Conference Business Systems Management UPS 2001
<i>Date & Place</i>	31st May - 2nd June 2001, Mostar, Bosna and Herzegovina
<i>Organized by</i>	University of Mostar Faculty of Mechanical Engineering, DAAAM International Vienna, Austrian Society of Engineers and Architects OEIAV-1848
<i>Organizers</i>	Majstorovic V. (Chair), Katalinic B. (Chair), Covic D., Visekruna, V.
<i>Proceedings</i>	ISBN 3-901509-26-7
<i>Editors</i>	Majstorovic V., Katalinic B., Covic D., Visekruna, V.
2000	6th International Conference Maintenance 2000
<i>Date & Place</i>	19-20th June 2000, Opatija, Croatia
<i>Organized by</i>	Croatian Maintenance Society
<i>In cooperation with</i>	EFNMS - European Federation of National Maintenance Societies, DAAAM International Vienna, Union of Croatian Engineers
<i>Organizers</i>	Ivančić I., Cala I., et al.
2000	5th International Conference on Soft Computing: MENDEL 2000: Evolutionary Computation, Genetic Programming, Fuzzy Logic, Rough Sets, Neural Networks, Fractals, Bayesian Methods
<i>Date & Place</i>	7-9th June 2000, Brno, Czech Republic
<i>Organized by</i>	Brno University of Technology, Faculty of Mechanical Engineering, Institute of Automation and Computer Science; DAAAM International, Vienna, Austria; Foundation for Advanced Information Technology GENOPS, Ltd
<i>Organizers</i>	Ošmera P., Šeda M., Dvořák J.
<i>Proceedings</i>	ISBN 80-214-1609-2
2000	2nd International Conference on Industrial Engineering – Activities Targeted to SME
<i>Date & Place</i>	27 - 29th April 2000, Tallinn Technical University, Estonia
<i>Organized by</i>	Tallinn Technical University - Department of Machinery, DAAAM Estonia, DAAAM

<i>Under the auspices of</i>	International Vienna
<i>In cooperation with</i>	DAAAM International Vienna Baltic Rector's Council; Association of Estonian; Mechanical Engineers, Federation of Estonian Engineering Industries
<i>Organizers</i>	Kyttner R. (chair) Katalinic B., Kulu P., Papstel J., Reedik V., Riives J.
<i>Proceedings</i>	ISBN 9985-894-21-9
<i>Editors</i>	J. Papstel / Katalinic B.
1999	District Heating Control '99 – Control of Extensive Heating Systems
<i>Date & Place</i>	26-27th October 1999, Zlín, Czech Republic
<i>Organized by</i>	Brno University of Technology, Faculty of Technology in Zlín; Czech Power Plants – Ltd.; Association for District Heating of Czech Republic; EUROHEAT & Power, Unichal – Brussels; DAAAM International, Vienna, Austria; DAAAM - Czech Republic
<i>Organizers</i>	Balate J., Vasek V., Vachutova I., Sysala T.
<i>Proceedings</i>	ISBN 80-214-1461-8
1999	5th International Conference on Soft Computing: MENDEL '99: Evolutionary Computation, Genetic Programming, Fuzzy Logic, Rough Sets, Neural Networks, Fractals
<i>Date & Place</i>	9-12th June 1999, Brno, Czech Republic
<i>Organized by</i>	Technical University Brno, Faculty of Mechanical Engineering, Institute of Automation and Computer Science; DAAAM International, Vienna, Austria; Foundation for Advanced Information Technology GENOPS, Ltd
<i>Organizers</i>	Ošmera P., Šeda M., Dvořák J.
<i>Proceedings</i>	ISBN 80-214-1131-7
1999	5th International Conference Maintenance 99
<i>Date & Place</i>	7- 8th June 1999, Opatjia, Croatia
<i>Organized by</i>	Croatian Maintenance Society DAAAM International Vienna, EFNMS - European Federation of National Maintenance Societies
<i>In cooperation with</i>	
<i>Organizers</i>	Ivančić I., Poljak K., Ugarković Ž., Frković D., Podgorčić D., Madžarević P., Kuzmanić A. Kudelić, R.
<i>Proceedings</i>	ISBN 953-97615-1-4
<i>Editors</i>	Ivančić I., Čala I.
1999	XXIVth Seminary ASR 2000: Instruments and Control
<i>Date & Place</i>	28th April 1999, Ostrava, Czech Republic
<i>Organized by</i>	VŠB - Technical University Ostrava, Faculty of Mechanical Engineering, Institute of Automation Equipment and Control; DAAAM National - Czech Republic, Zlín, Czech Republic; IMECO - Czech National Committee; Committee of Applied Cybernetics and Information Technology Ostrava
<i>Organizers</i>	Farana R., Smutny J., Szlachta D., Fojtik D., Piechota H.
<i>Proceedings</i>	ISBN 80-7078-774-0
<i>Editors</i>	Farana R., Smutny J., Szlachta D., Fojtik D., Piechota H.
1999	XXIIth Seminary ASR '99 : Computers on Measurements, Diagnostics and Control
<i>Date & Place</i>	22nd May 1999, Ostrava, Czech Republic
<i>Organized by</i>	VŠB - Technical University Ostrava, Faculty of Mechanical Engineering, Institute of Automation Equipment and Control; DAAAM National - Czech Republic, Zlín, Czech Republic; IMECO - Czech National Committee
<i>Organizers</i>	Smutný L., Farana R., Víteček A., Baláte J.
<i>Proceedings</i>	ISBN 80-7078-666-3
1998	3rd International Conference „ New Trends in Automation of Energetic Processes '98“
<i>Date & Place</i>	19 - 20th May 1998, Zlín, Czech Republic
<i>Organized by</i>	Technical University Brno, Faculty of Technology in Zlín; Czech Power Company, Ltd.- CEZ, a.s.; Association for District Heating, Czech Republic; STU Bratislava, Faculty of Electrical Engineering and Information Technology; Slovak Power Plants, Ltd. - SE, a.s., Bratislava; DAAAM International Vienna, Austria; DAAAM National - Czech Republic
<i>Organizer</i>	Balate J., Vasek V., Sysala T. & Co.
<i>Proceedings</i>	ISBN 80-214-1094-9
<i>Editor</i>	Balate J., Sysala T.
1998	4th International Mendel Conference: MENDEL '98 on Genetic Algorithms, Optimization Problems, Fuzzy Logic, Neural Networks, Rough Sets
<i>Date & Place</i>	24 - 26th June 1998, Brno, Czech Republic
<i>Organized by</i>	Technical University Brno, Faculty of Mechanical Engineering, Institute of Automation and Information Technology; DAAAM International, Vienna, Austria; Foundation for Advanced Information Technology GENOPS, Ltd.
<i>Organizer</i>	Osmera P., Seda M., Simoník I.

<i>Proceedings</i>	ISBN 80 – 214 - 1199 - 6
1998 <i>Date & Place</i> <i>Organized by</i>	XXIth Seminary ASR '98 : Computers on Measurements, Diagnostics and Control 22nd May 1998, Ostrava, Czech Republic VSB - Technical University Ostrava, Faculty of Mechanical Engineering, Institute of Automation Equipment and Control; DAAAM National - Czech Republic; IMECO - Czech National Committee
<i>Organizer</i> <i>Proceedings</i>	Smutny L., Farana R., Vítecek A., Balate J. ISBN 80-7078-559-4
1998 <i>Date & Place</i> <i>Organized by</i>	9th International Conference on Information and Intelligent Systems IIS'98 23-25th September 1998, University of Zagreb, Faculty of Organization and Informatics Varazdin, Croatia University of Zagreb, Faculty of Organization and Informatics Varazdin & DAAAM International Vienna
<i>Organizers</i> <i>Proceedings</i> <i>Editors</i>	Aurer B., Katalinic B., Kero K., et. al. UDC: 007:681.3:651(082) Aurer B., Logozar, R.
1998 <i>On the occasion of</i> <i>Date & Place</i> <i>Organized by</i> <i>Organizers</i> <i>Proceedings</i> <i>Editor</i>	3rd National DAAAM Conference "Science '98" 80 Years of Tallinn Technical University September 1998, Tallinn Technical University, Estonia DAAAM Estonia, Tallinn Technical University, Department of Machinery Papstel J. ISBN 9985-894-02-2 Papstel J.
1997 <i>Date & Place</i> <i>Organized by</i> <i>In cooperation with</i>	4th International Conference Maintenance 97 16-17th October 1997, Opatija, Croatia Croatian Maintenance Society DAAAM International Vienna, Croatian Academy of Science and Art, Zagreb EFNMS - European Federation of National Maintenance Societies
<i>Organizers</i> <i>Proceedings</i> <i>Editors</i>	Ivančić I., Čala I., Vidić J., Udiljak T., Ugarković Ž., Širola D., Podgorčić D., Keser A. ISSN-1331-4114 I. Ivančić
1997 <i>Date & Place</i> <i>Organized by</i>	1st International Conference "Industrial Engineering - Actual Activities" 25-27th September 1997, Tallinn Technical University, Tallinn, Estonia Tallinn Technical University - Institute of Machinery, DAAAM Estonia Tallinn, DAAAM International Vienna
<i>Under the auspices of</i> <i>In cooperation with</i> <i>Organizer</i> <i>Proceedings</i> <i>Editors</i>	DAAAM International Vienna Baltic Rectors' Council, Association of Baltic Material Societies, Federation of Estonian Engineering Industries, Association of Estonian Mechanical Engineers Kulu P. (vice-chair), Kyttner R. (general chair), Papstel J.(vice-chair), Katalinic B., Kübarsepp J., Reedik V., Riives J. ISBN 3-901509-07-0 Papstel J., Katalinic B.
1997 <i>On the occasion of</i> <i>Date & Place</i> <i>Organized by</i> <i>Under the auspices of</i>	2nd International Conference "Enterprise in Transition" 1700 Years of the City of Split 22-24th May 1997, Split - Brela, Croatia University of Split, Faculty of Economics, Split, Croatia; DAAAM International Vienna The Government of the Republic of Croatia, The Croatian Chamber of Economy, Bank of Zagreb
<i>Organizer</i> <i>Proceedings</i> <i>Publisher & Editor</i> <i>Co-Publisher</i>	Alfirevic N., Buble M., Derado D., Goic S., Katalinic B., Mijacika D., Pavic I. (Chair), Reic Z. (Secretary) ISBN 953-6024-14-4 Faculty of Economics, University of Split, Split DAAAM International Vienna
1997 <i>Date & Place:</i> <i>Organisation:</i>	3rd International Mendel Conference on Genetic Algorithms MENDEL '97 25-27th June 1997, Brno, Czech Republic Technical University of Brno, Faculty of Mechanical Engineering, Institute of Automation and Computer Science; DAAAM International Vienna; Foundation Advanced Information Technology; GENOPS, Ltd.
<i>Organizer:</i>	Osmera P., Seda M., Simonik I.
1996 <i>Date & Place:</i> <i>Organisation:</i>	The Second National DAAAM Conference SCIENCE '96 1996, Tallinn, Estonia Tallinn Technical University - Estonia, DAAAM International Vienna

<i>Organizer:</i>	Papstel J. & Co
<i>Proceedings:</i>	ISBN 9985-59-041-4
<i>Editor:</i>	Papstel J.
1996	2nd International Mendel Conference on Genetic Algorithms MENDEL '96
<i>Date & Place:</i>	26-28th June 1996, Brno, Czech Republic
<i>Organisation:</i>	Technical University of Brno, Faculty of Mechanical Engineering, Institute of Automation and Computer Science; DAAAM Czech Republic & DAAAM International Vienna; Foundation Advanced Information Technology; AutoCont Brno Ltd. Computer Systems
<i>Organizer:</i>	Osmera P. & Co.
<i>Proceedings:</i>	ISBN 80-214-0769-7
1996	13th Conference BIAM '96
<i>Date & Place:</i>	18-20th June 1996, Zagreb, Croatia
<i>Organisation:</i>	KoREMA, Croatian Society for Communications, Computing, Electronics, Measurement and Control, DAAAM International Vienna
<i>Organizer:</i>	Surina T., Vranjes B., Katalinic B., Jerbic B., Cosic P., Husic S., Kovacic Z., Kunica Z., Majetic D., Momcilovic D., Schauerperl Z., Stambuk-Borsic N., Stefanic N., Udiljak T.
<i>Proceedings:</i>	ISBN 953-6037-12-2
1996	Nanotechnologie - Nanometrologie
<i>Date & Place:</i>	26th April 1996, Brno, Czech Republic
<i>Organisation:</i>	Technical University of Brno, Faculty of Mechanical Engineering, Vienna University of Technology; DAAAM Czech Republic
<i>Organizer:</i>	P. H.Osanna, J. Svejcar, J. Vackar, M. Skopal
1996	Rechenmaschinen in Messungen, Diagnostik und Steuerung
<i>Date & Place:</i>	18th April 1996, Ostrava, Czech Republic
<i>Organisation:</i>	Technical University of Ostrava TU-VSB, KAKI Ostrava, DAAAM Czech Republic, IMECO Czech Republic
<i>Organizer:</i>	Smutny L., Farana R., Vitecek A.
1995	„New Trends in the Automation of Energetical Processes“
<i>Date & Place:</i>	17-18th May 1995, Zlin, Czech Republic
<i>Organisation:</i>	TU-Brno / FT-Zlin, KART, DAAAM Czech Republic & DAAAM International Vienna, and others
<i>Organizer:</i>	Balate J., Janacova J., Kubalcik M., Sysala T., Neumann P., Vasek V.
<i>Proceedings:</i>	ISBN 80-214-0654-2

22.0 DAAAM & CEEPUS JEP

A-104 CEEPUS Joint European Project "Intelligent Manufacturing and Automation"

Network Co-ordinator: *Branko Katalinic - Vienna University of Technology*

<i>Project Code:</i>	<i>A-104</i>
<i>Project Duration:</i>	<i>1999-2004</i>
<i>Project Coordinator:</i>	<i>Branko Katalinic - Vienna University of Technology</i>
2003/2004 Name:	Intelligent Manufacturing and Automation
Project Partner 03/04	Institute of Production Engineering, Vienna University of Technology, Vienna, Austria / Department of Manufacturing Engineering, Budapest University of Technology and Economics, Budapest, Hungary / Department of Manufacturing Engineering, Technical University of Cluj-Napoca, Cluj-Napoca, Romania / Department of Technology, Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Zagreb, Croatia / Department of Technological Devices and Systems, Faculty of Material Science and Technology Trnava, Slovak University of Technology Bratislava, Trnava, Slovakia / Institute of Production Engineering, University of Maribor, Maribor, Slovenia / Department of Environmental Studies and Process Control, Technical University of Kosice, Kosice, Slovakia / Department of Machine Technology, The Silesian University of Technology, Gliwice, Poland / Department of Production Engineering, Faculty of Engineering, University of Rijeka, Rijeka, Croatia / Institute of Mechanical Technology, Poznan University of Technology, Poznan, Poland
Organizer 03/04	Katalinic B.[ranko] , Alpek F.[erenc], Balic J.[oze], Gyenge C.[saba], Kosmol J.[an], Legutko S.[tanislaw], Mikac T.[onci], Velisek K.[arol], Wessely E.[mil], Udiljak T.[oma]
2002/2003 Name:	Intelligent Manufacturing and Automation
Project Partner 02/03	Institute of Production Engineering, Vienna University of Technology, Vienna, Austria / Department of Manufacturing Engineering, Budapest University of Technology and Economics, Budapest, Hungary / Department of Manufacturing Engineering, Technical

Organizer 02/03	University of Cluj-Napoca, Cluj-Napoca, Romania / Department of Technology, Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Zagreb, Croatia / Department of Technological Devices and Systems, Faculty of Material Science and Technology Trnava, Slovak University of Technology Bratislava, Trnava, Slovakia / Institute of Production Engineering, University of Maribor, Maribor, Slovenia / Department of Environmental Studies and Process Control, Technical University of Kosice, Kosice, Slovakia / Department of Machine Technology, The Silesian University of Technology, Gliwice, Poland / Department of Production Engineering, Faculty of Engineering, University of Rijeka, Rijeka, Croatia / Department of Industrial Robotics, University of Applied Sciences - Fachhochschule Technikum - Wien, Vienna, Austria / Institute of Mechanical Technology, Poznan University of Technology, Poznan, Poland Katalinic B.[ranko] , Alpek F.[erenc], Balic J.[oze], Gyenge C.[saba], Kosmol J.[an], Legutko S.[tanislav], Mikac T.[onci], Stopper M.[arkus], Velisek K.[arol], Wessely E.[mil], Udiljak T.[oma]
2001/2002 Name: Project Partner 01/02	Assembly Automation in Manufacturing Engineering Vienna University of Technology, Budapest University of Technology and Economics, Silesian University of Technology, Slovak Technical University Bratislava / Trnava, Technical University Cluj-Napoca, Technical University of Kosice, University of Maribor, University of Zagreb
Organizer 01/02	Katalinic B. , Alpek F., Kosmol J., Velisek K., Gyenge C., Wessely E., Balic, J., Jerbic B.,
2000/2001 Name: Project Partner 00/01	Assembly Automation in Manufacturing Engineering Vienna University of Technology, Slovak Technical University Bratislava / Trnava, Technical University Cluj-Napoca, Technical University of Budapest, Technical University of Kosice, University of Maribor, University of Zagreb
Organizer 00/01	Katalinic B., Velisek K., Gyenge C., Alpek F., Wessely E., Balic J., Jerbic B.
1999/2000 Name: Project Partner 99/00	Assembly Automation in Manufacturing Engineering Vienna University of Technology, Slovak Technical University Bratislava / Trnava, Technical University Cluj-Napoca, Technical University of Budapest, University of Maribor, University of Zagreb
Organizer 99/00	Katalinic B. , Velisek K., Gyenge C., Alpek F., Trzan F., Jerbic B.

DAAAM – CEEPUS Joint European Annual Projects which finished

Project Code:	RO-01
Project Duration:	2002/2003
Project Coordinator:	Csaba Gyenge, Technical University of Cluj-Napoca
2002/2003 Name: Project Partner	Computer-Aided Systems for Manufacture and Measurement of Machine Elements Department of Manufacturing Engineering / Technical University of Kosice, Department of Manufacturing Systems / University of Maribor, Faculty of Mechanical Engineering, Institute for Production Engineering / Poznan University of Technology, Faculty of Mechanical Engineering, Institute of Mechanical Technology / Kecskemet College, Faculty of Technology
Project Code:	PL-1
Project Duration:	1999-2002
Project Coordinator:	Stanislaw Adamczak - Technical University of Kielce
2001/2002 Name: Project Partner	Computer-Aided Systems for Manufacture and Measurement of Machine Elements Technical University of Kielce, Vienna University of Technology, University of Zilina, Faculty of Mechanical Engineering of The Technical University of Kosice, Faculty of Production Technologies of The Technical University of Kosice in Presov, University of Maribor, Technical University of Ostrava, University of Zagreb, Technical University of Bratislava, Technical University of Prague, Technical University of Brno
Organizer	Adamczak S. , Osanna P. H., Obmascik M., Wessely E., Vasilko K., Cus F., Vrba V., Mahovic S., Janac J., Dvorak R., Vackar J.
2000/2001 Name: Project Partner	Geometrical Surface Structure of Machine Parts, Constitution, Methods for Measurement and Assessment, Influence on the Operational Capacity of Mating Machine Parts Technical University of Kielce, Vienna University of Technology, University of Zilina, Technical University of Kosice, University of Maribor, Technical University of Ostrava, University of Zagreb, Technical University of Bratislava, Technical University of Prague, Technical University of Brno
Organizer	Adamczak S. , Osanna P. H., Obmascik M., Wessely E., Cus F., Vrba V., Mahovic S., Janac J., Dvorak R., Vackar J.

1999/2000 Name:	Geometrical Surface Structure of Machine Parts, Constitution, Methods for Measurement and Assessment, Influence on the Operational Capacity of Mating Machine Parts
Project Partner	Technical University of Kielce, Vienna University of Technology, University of Zilina, Technical University of Kosice, University of Maribor, Technical University of Ostrava, University of Zagreb, Technical University of Bratislava, Technical University of Prague, Technical University of Brno
Organizer	Adamczak S. , Osanna P. H., Obmascik M., Wessely E., Cus F., Vrba V., Mahovic S., Janac J., Dvorak R., Vackar J.

Project Code:	RO-01
Project Duration:	1998/1999
Project Coordinator:	Csaba Gyenge, Technical University of Cluj-Napoca

1998/1999 Name:	Development and Application of Environment-Friendly Technologies in Manufacturing Engineering
Project Partner	Technical University of Cluj-Napoca, Technical University of Budapest, University of Maribor, Technical University of Kosice, Technical University of Bucharest
Organizer	Gyenge C. , Alpek F., Balic J., Anna V., Iatan F.

Project Code:	PL-1
Project Duration:	1998/1999
Project Coordinator:	Stanislaw Adamczak - Technical University of Kielce

1998/1999 Name:	Metrology in Quality Assurance Systems
Project Partner	Technical University of Kielce, Vienna University of Technology, University of Zilina, Technical University of Kosice, University of Maribor, Technical University of Ostrava, University of Zagreb
Organizer	Adamczak S. , Osanna P. H., Obmascik M., Wessely E., Cus F., Vrba V., Mahovic S.

Project Code:	H-78
Project Duration:	1998/1999
Project Coordinator:	Alpek, F.

1998/1999 Name:	Process Integrated Measurement Techniques and Methods for Quality Management
Project Partner	Technical University of Budapest, Vienna University of Technology, Cracow Institute of Technology, Slovak Technical University Bratislava, University of Maribor
Organizer	Alpek F. , Osanna H. P., Sostar A., Gawlik J., Kralik, M.

23.0 DAAAM INTERNATIONAL BOOKS

The DAAAM International initiated publishing of books in the field of advanced manufacturing and automation. There are three series: "Manufacturing technology", "DAAAM International University Book" and "Management Sciences". Till now the following books are published:

DAAAM Publishing series - Manufacturing technology:

1. **Joze Balic:** "*Contribution to Integrated Manufacturing*", DAAAM Publishing series - Manufacturing technology, Editor: B Katalinic, ISBN 3-901509-03-8, DAAAM International Vienna, Vienna 1999 (Promotion at DAAAM 1999 - Vienna)
2. **Borut Buchmeister:** "*English-Slovene Glossary of Terms used in Production Engineering and Production Management*", DAAAM Publishing series - Manufacturing technology, Editor: B Katalinic, ISBN 3-901509-17-8, DAAAM International Vienna, Vienna 2000 (Promotion at DAAAM 2000 - Opatija)
3. **Joze Balic:** "*FMS: Development Structure, Operation, Handling, Tooling*", DAAAM Publishing series - Manufacturing technology, Editor: B Katalinic, ISBN 3-901509-20-8, DAAAM International Vienna, Vienna 1999 (Promotion at DAAAM 2001- Jena)

DAAAM Publishing series - University Book:

4. **Vlado Majstorovic:** "*Upravljanje proizvodnjom i projektima – Production and Project Management*", (in Croatian) DAAAM International University Book, Editor: B Katalinic, ISBN 3-901509-23-2, DAAAM International Vienna and University of Mostar, Mostar – Vienna, 2001 (Promotion at International Conference in Mostar, May 31st, 2001)

5. **Dragan Covic, Vlado Majstorovic, Vojo Visekruna: "Poslovni sustavi – Business Systems"**, (in Croatian) DAAAM International University Book, Editor: B Katalinic, ISBN 3-901509-22-4, DAAAM International Vienna and University of Mostar, Mostar – Vienna, 2001 (Promotion at International Conference in Mostar, May 31st, 2001)

DAAAM Publishing Series – Management Science:

6. **Dragan Covic: "Inventivnost Tima – Vodice za menedzere"**, (in Croatian) DAAAM International University Book, Editor: B Katalinic, ISBN 3-901509-25-4, DAAAM International Vienna and University of Mostar, Mostar – Vienna, 2003. (Promotion October 2003, Sarajevo – Mostar)
7. **Zvonko Kremljak: "Decision making under risk"**, DAAAM International University Book, Editor: B Katalinic, ISBN 3-901509-44-5, DAAAM International Vienna, Vienna 2004 (Promotion at DAAAM 2004 – Vienna)
8. **Zvonko Kremljak & Borut Buchmeister: "Uncertainty and Development of Capabilities"**, DAAAM Publishing Series – Management Science Editor: Branko KATALINIC, ISBN 3-901509-55-0, DAAAM International Vienna, Vienna, 2004 (Promotion at DAAAM 2006 – Vienna)

DAAAM International Scientific Book

9. **DAAAM International Scientific Book 2002**, ISBN 3-901509-30-5, hard cover, 713 pages, Publisher DAAAM International Vienna, Editor: B.[ranko] Katalinic, Vienna, 2002. (Promotion of the book at DAAAM 2002 Vienna, 2002-10-23/26)
10. **DAAAM International Scientific Book 2003**, ISSN 1726-9687, ISBN 3-901509-36-4, 654 pages, hard cover, Publisher DAAAM International Vienna, Editor: B.[ranko] Katalinic, Vienna 2003. *Abbreviated key title: DAAAM int. sci. book* (Promotion of the book at DAAAM 2003 Sarajevo 2003-10-22/25)
11. **DAAAM International Scientific Book 2004**, ISSN 1726-9687, ISBN 3-901509-38-0, 730 pages, hard cover, Publisher DAAAM International Vienna, Editor: B.[ranko] Katalinic, Vienna 2004. *Abbreviated key title: DAAAM int. sci. book* (Promotion of the book at DAAAM 2004 Vienna 2004-11-03/06)
12. **DAAAM International Scientific Book 2005**, ISSN 1726-9687, ISBN 3-901509-43-7, hard cover, Publisher DAAAM International Vienna, Editor: B.[ranko] Katalinic, Vienna 2005. *Abbreviated key title: DAAAM int. sci. book*
13. **DAAAM International Scientific Book 2006**, ISSN 1726-9687, ISBN 3-901509-47-X, hard cover, Publisher DAAAM International Vienna, Editor: B.[ranko] Katalinic, Vienna 2006. *Abbreviated key title: DAAAM int. sci. book*

Book published under the auspices of DAAAM International

14. **Balc, N.; Gyenge, Cs. & Berce, P: "Design for Competitive Manufacturing"**, Published under the auspices of DAAAM International, ISBN 973-7898-31-1, Alma mater Publishing, Cluj-Napoca, 2006.

Several other book projects are in process, if you want to join one of them or propose to write a new book please contact the Editor.

24.0 INTERNATIONAL JOURNAL OF SIMULATION MODELLING

Title	International Journal of Simulation Modelling
<i>Abbreviated key title</i>	IJSIMM Int. j. simul. model.
<i>ISSN</i>	ISSN 1726-4529
<i>Editors</i>	B.[orut] Buchmeister (Editor-In-Chief); B.[ranko] Katalinic (Editor)
<i>Founded</i>	2002
<i>Published</i>	Quarterly by DAAAM International Vienna
<i>Citation and reference</i>	Article published in Journal are crossreferenced and online available on Internet. Additionali they are cited and referenced in the: Inspec Database and Cambridge Scientific Abstracts
<i>Info and Link</i>	http://www.ijsimm.com , http://www.daaam.com ,

25.0 20 YEARS DAAAM INTERNATIONAL 1990-2010 PROJECT

Aims: The main aims for future development of our organisation are to increase meaning, importance, quality, relevance and prestige of DAAAM International Network and members in international academic and scientific community. To achieve those aims it is necessary to improve quality and quantity of existing activities and to organize new creative future oriented activities using enormous potential of knowledge, abilities, prestige, relevance and creativity of our members.

Who: Each person in DAAAM International community is welcome to give his/her own contribution to achieving defined aims and can be responsible for one initiative or activity on the level of DAAAM International.

Focus: Focused on upper aims and the fact that we are going soon to celebrate first 20 years of our organisation we are starting an open platform under the name "20 Years of DAAAM International Project". The project is open platform the main parts and topics of the project are:

- To complete and publish Cumulative Bibliography of DAAAM International including all publications: proceedings of DAAAM Symposiums; proceedings of DAAAM Workshops; proceedings of ATDC conferences; DAAAM International Scientific Books; International Journal on Simulation Modelling; Books.
- Founding and organisation of web DAAAM International Archive
- Founding and organisation of web DAAAM International Photo Gallery
- Completing and publishing exclusive monograph "20 Years of DAAAM International"
- Founding, completing and publishing "Who is who in DAAAM International" (Founding members, members of committees since 1990, authors, honours, awards, personal contributions, ...)
- improve quality and quantity of existing activities of DAAAM
- to motivate old and animate new people to take a part in our activities
- better use of human resources
- including of younger researchers in our activities
- sponsoring and partnerships
- to increase dissemination of information about our activities
- use of synergies of DAAAM Network in science, research, education and international scientific and academic cooperation
- awards and recognition for DAAAM International on the occasion of celebrating of anniversary of your institution
- to increase quality of our publications
- increase citing and indexing of our publications
- publishing of journals, monographs and student books
- international scientific and academic cooperation with joint application for co-operation of institutions and mobility of teachers and students
- cooperation in industrial and research projects
- DAAAM International certifications of Labs
- Marketing
- DAAAM International Experts data bank
- Cyber space and DAAAM
- Spectrum of Activities to celebrate 20 Years of DAAAM International in 2009
- and many of your ideas

Call for cooperation: Please think about your wishes, possibilities, and field of interest and propose me one to three initiatives you or your team want to start, organize, manage and be responsible in the frame of DAAAM International. I will pick out of your proposal one initiative which is at the moment the most important from the point of view of DAAAM International. I will give you additional information and suggestions to support your initiative and make it relevant and usable for DAAAM International and synchronised with other activities.

Contact: I am looking forward to see soon your ideas, creativity and initiatives. Please be free to contact me at president@daaam.com I will be happy to hear from you.

26.0 DAAAM - INTERNET & CONTACT ADDRESS

Additional information about DAAAM activities your can obtain from DAAAM homepage: <http://www.daaam.com> and <http://www.daaam.org> If you are interested to take a part in DAAAM activities please contact:

✉ PROF. DR. BRANKO KATALINIC, DAAAM INTERNATIONAL PRESIDENT,
TU-WIEN, KARLSPLATZ 13/311, A-1040 WIEN, AUSTRIA, EUROPE
Phone: 0043 1 58801 31121, *Fax#* 0043 1 58801 31199,
E-mails: president@daaam.com, katalinic@mail.ift.tuwien.ac.at

