



The International Academy for Production Engineering

NEWSLETTER

N° 28 – May 2006

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The logo CIRP originates from "Collège International pour la Recherche en Productique"

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The next issue of the Newsletter is scheduled for November 2006. Your contributions are most appreciated; you may send it to the CIRP office in Paris or directly to the editor at: j.meijer@utwente.nl preferable before **October 15th 2006**

Johan Meijer (Technical Secretary)

1. From the President

Dear colleagues

It is a great pleasure for me to send you my best Spring Greetings from your International Academy for Production Engineering. I am happy that the new name and membership titles were approved, and we are now in line with other international academies. We are carrying out very important work since research and education within Production Engineering (Manufacturing) are necessary to develop our wealth creating industry. For any society the production industry is a prime driver in creating employment and development. Therefore we ourselves must hold our work in high esteem and influence our national and international research and education agenda.



To enhance our work within CIRP, we are as you may know, working on improving our organisation – more efficient STC work and more efficient GA's. This will make CIRP a better tool for all of us. Further we are looking at the challenges facing the production industry, to assess if CIRP is ready to take up these challenges. This means we will continuously be looking at our structure and recruitment of new members, covering areas we need to master. Therefore I want to wish our new organisation good luck – but this can only happen with your commitment, work and visions – so create our good luck.

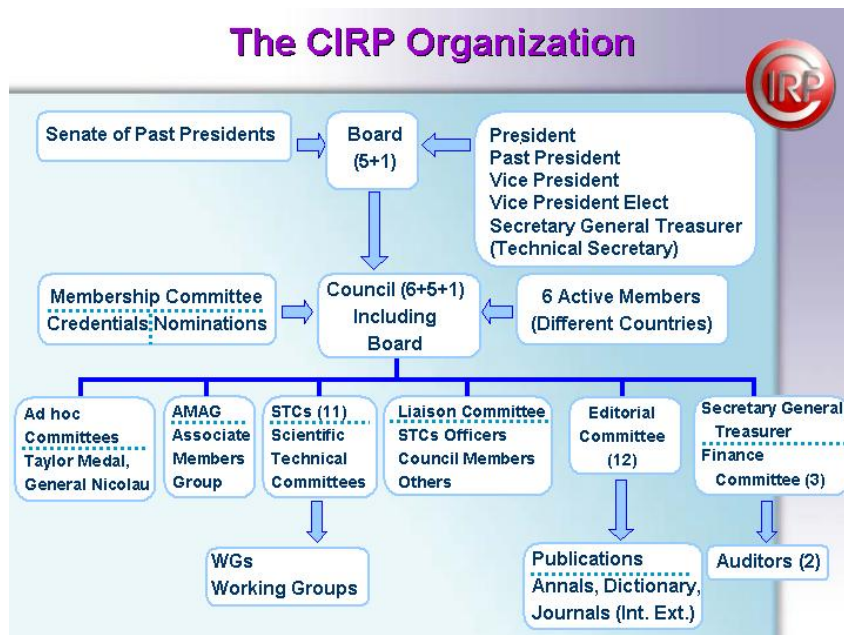
I am looking forward to seeing you in Kobe, where our colleagues are working hard to create a wonderful event for all of us.

My best wishes

Leo Alting

2. About CIRP

The International Academy for Production Engineering (CIRP) was founded in 1951 as Collège International pour la Recherche en Productique to bring together research workers studying the application of scientific methods to production technology.



At present, CIRP has about 540 members representing some 40 different countries. The unique contribution of CIRP to manufacturing research is acknowledged by many of the world's leading companies and research institutes, who provide active support through the associate membership.

Today, CIRP is turning its attention to the use of computerized methods for manufacturing control, automation, robotics, interfacing and the computer-integrated factory of the future. The CIRP is organized in Scientific and Technical Committees (STC's) that are the groups responsible for coordinating the collaborative research. The main activities are:

- Studying new techniques and technologies;
- Organizing cooperative research, comparative testing and standardization;
- Collecting and analyzing bibliographies on manufacturing;
- Publishing synthesis reports on important technical problems;
- Organizing seminars and meetings on specialist topics;
- Preparing internationally accepted terminology;
- Contributing to International standardization organizations;
- Surveying the state of the art of research worldwide.

New names, same spirit

As a result of a process started in 2005 the name of our organization and the membership titles have been renewed to represent our position in the current world. The name is now:

CIRP, The International Academy for Production Engineering

and the membership titles are:

- **Fellow**
- **Associate Member**
- **Corporate Member**
- **Fellow (Emeritus)**
- **Honorary Fellow**
- **Invited members**

CIRP was formed in 1951 to stimulate research and education and to create international collaboration within selected fields of production engineering. In the passed 55 years CIRP has developed into a unique international organisation covering many fields of production engineering. CIRP is today the internationally most recognised organisation concerning production engineering.

Looking at the challenges facing the production industry like globalisation, networking, new technologies, cross disciplinary developments, increasing knowledge and service contents in products etc., CIRP must be able to cope with these new challenges. The production industry is the prime driver of wealth and employment creation and CIRP is more than ever needed to play a leading role in research and education and to influence the national and international development of production engineering.

The new name and membership titles changes will bring the importance and visibility of CIRP – and our own perception of our work – in line with other international academic organisations. As an Academy we have a good platform to move on.

3. Personal

Professor Niels Bay and Prof. Kozo Osakada receive JSTP International Prize

During the 8th ICTP in Verona, which was held 9-14 October 2005, Prof. Niels Bay, Technical University of Denmark, and Prof. Kozo Osakada, Osaka University were awarded the International Prize for Research & Development in Precision Forging delivered by the Japan Society for Technology of Plasticity (JSTP). This award is given to recognize distinguished researchers who have contributed worldwide to the advancement of precision forming technology with high quality research work.

Niels Bay received the prize for pioneering work on “Theory and Test Methods for Friction, Lubrication and Wear in Metal Forming” whereas Kozo Osakada obtained the prize for pioneering work on “Development and Applications of Finite Element Methods for Precision Forging”.

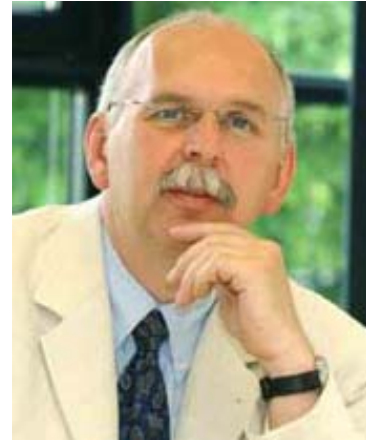


The JSTP International Prize is one of the most prestigious Japanese awards in manufacturing technology comprising a gold medal, a plaque and a sum of 2 mill. Yen sponsored by Nichidai Corporation, a successful Japanese forming tool manufacturer. Besides sponsoring the awards they finance an international seminar on precision forming for young researchers in March 2006. The aim of this event is to bring together young scientists from Asia, Europe and America with a small group of leading scientists, including the prize winners and the international selection board consisting of four internationally renowned scientists in metal forming, for personal exchange of experience.

Prof. Dr.-Ing. Matthias Kleiner Vice President of the DFG

In July 2005, Prof. Dr.-Ing. Matthias Kleiner, Head of the Institute of Forming Technology and Lightweight Construction, University of Dortmund, was elected member of the Executive Committee of the German Research Foundation (DFG) covering the research area "Engineering Sciences".

In its responsibility for the general management of the DFG, the Executive Committee discusses all matters of fundamental importance to the DFG. The President and Vice Presidents are elected by the General Assembly for three-year terms in office, re-election is possible.



Professor Nam Pyo Suh receives Gold Medal of Honor



The Academy of Transdisciplinary Learning and Advanced Studies (TheATLAS) awards **Professor Nam Pyo Suh** with "the Academy Gold Medal of Honor" for distinguished contribution to the advancement of Transdisciplinary Foundational ideas and activities. The award comes with honorary lifetime Membership in the Academy. The Academy Gold Medal of Honor recognizes unusual accomplishment in trans-

disciplinary education and research, public service, and other allied pursuits beneficial to design and process science.

The award will be presented on June 26, 2006 during Conference Dinner of IDPT-2006 to be held in San Diego, California. The award will consist of the Academy Gold Medal and a \$1,000 honorarium.



Professor Don Anthony Lucca receives Doctor honoris causa from Bremen University

Professor Don Anthony Lucca was awarded the Doctor honoris causa degree from Universität Bremen at a ceremony on November 2, 2005. Presiding over the ceremony was the University Rector, Prof. Wilfried Müller. The Dean of the Faculty of Production Engineering, Prof. Bernd Kuhfuß also spoke. Professor Lucca was

recognized for his scientific achievements in the fields of ultraprecision technologies and surface science and engineering. In his laudatio, Prof. Ekkard Brinksmeier, Chair of Production Engineering and Director of the Foundation Institute for Materials Science emphasized Prof. Lucca's contributions to the development of basic understanding of ultraprecision processing technologies, his investigations of the nature of surface and subsurface effects, his developments of new techniques for the characterization of ultraprecision surfaces and his commitment to international research collaboration. Of particular note were his contributions to the International Collaborative Research Center, "Process Chains for the Replication of Complex Optical Components", funded by the Deutsche Forschungsgemeinschaft. Professor Hans-Kurt Tönshoff of Universität Hannover presented the commemorative lecture entitled "Internationality, Competition or Cooperation". Lucca has previously received the Alexander von Humboldt Forschungspreis and a DFG Mercator Professorship. Lucca is the 23rd recipient of the Dr. h.c. from Universität Bremen and only the 5th engineer to receive the degree in the history of the university.



Left to right: Joyce Ann Lucca, Wilfried Müller, Rector of Universität Bremen, Don A. Lucca, Bernd Kuhfuss, Dean of the Faculty of Production Engineering, Ekkard Brinksmeier, Chair, Production Engineering.


4. The F.W. Taylor Medal



The F. W. Taylor Medal has been instituted by the International Academy for Production Engineering [CIRP] to recognise outstanding scientific work of young researchers in the field of manufacturing engineering. The medal is awarded annually. Candidates for the award must have personally presented their work at a paper session of the CIRP General Assembly during the preceding two years and must not be over 35 years of age in the year of presentation. Fellows of the Academy propose the candidates. This is a highly prestigious award of the International Academy. Recipients of the award have gone on to enjoy outstanding careers in different areas of manufacturing engineering.

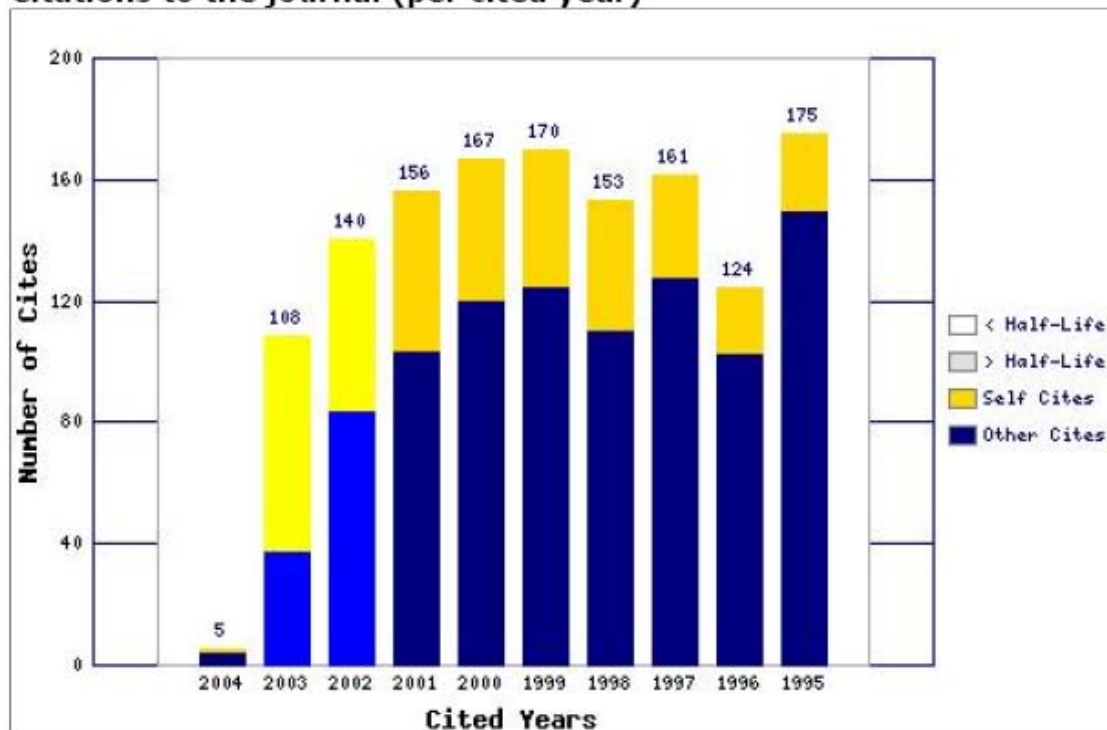
5. Science Citation Index

The latest Science Citation index numbers about the Annals show a slight decrease in impact factor from 0.974 last year to 0.973 now as shown below.

Mark	Journal Title	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life	Citing Half-life
	CIRP ANN-MANUF TECHN	****_****	2752	0.973	0.038	133	>10.0	6.2

References to CIRP papers are of vital importance to keep this number high. The figure shows the citations over the last 10 years.

Citations to the journal (per cited year)



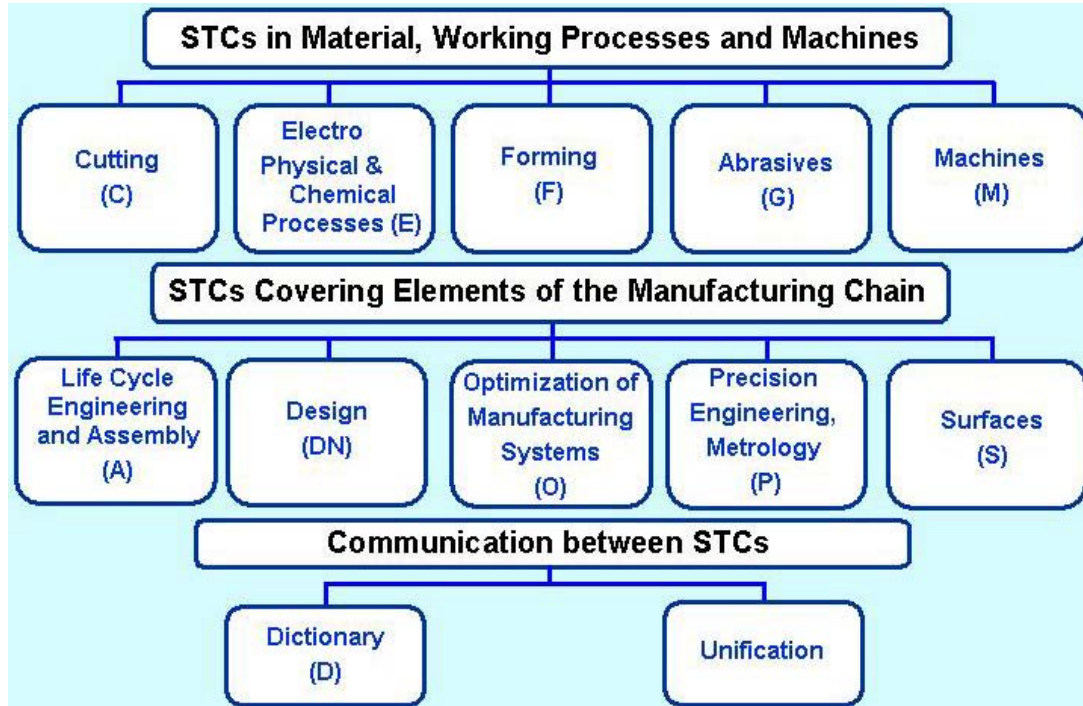
The top (gold) portion of each column indicates the Journal Self Citations: citations to articles in the journal from articles in the same journal.

The bottom (blue) portion of each column indicates Non-Self Citations: citations to the journal from articles in other journals.

The two lighter columns indicate citations used to calculate the Impact Factor (always the 2nd and 3rd columns).

6. From the STC's

There are two kinds of STC's. Five STC's covering the Processes and Machine and five covering the Manufacturing chain as shown below.



7. Corporate Members News

The AMAG meeting on Thursday 26 Jan 2006

The meeting was opened by prof. Inasaki and moderated by J. Minguez. Secretary was J. Barry (Element six, Ireland). The objective of the meeting was to discuss strategic issues. A main topic was how to increase the number of corporate members because CIRP wants to serve the industrial needs. In his opening address from Prof. Inasaki summarized that CIRP had the highest reputation in the field of production

engineering and that cooperation between academia and industry was indispensable. The number of corporate members has increased by ten last year. The president will contact active members to promote CIRP in their country. An updated Flyer has been developed to promote CIRP. Two representatives per company will be listed in the directory (to be asked via the update forms). Instead of the round table a company visit will be organized in Kobe. It was discussed to have short (2 minutes) presentations of the STC chairs, outlining the current focus of their STC topics during the August AMAG meeting (during lunch break?). For the 2006 GA in Japan, organisations from neighbouring countries will be invited to be present at the AMAG.

The full minutes written by the AMAG Secretary J. Barry (Element Six) are available on CIRPnet.

8. From the secretariat

A look inside the heart of CIRP in the Paris office.



Chantal Timar-Schubert



Agnès Chelet

Annals online

The full papers of the CIRP Annals Vol.1 & 2 are now available on the web back to year 1980. You can have access with your CIRP codes through the page "Publications". Others can also access to the CIRP Annals on the Website but not for free like CIRP members, they should subscribe to a yearly fee giving access to the Annals online. For more information see <http://www.cirp.net/> under the button "Publications".

Flyers for Corporate membership

A new Flyer has been developed to recruit new Corporate members. Many flyers have already been sent to the CIRP delegations upon request. Those who want to receive flyers just ask the CIRP Secretariat and you will receive them.

**The International Academy for
Production Engineering**

CIRP Associate Membership:
Your Passport to the World of Advanced Manufacturing

How Associate Members view CIRP

Dr. Masahiko Mori, President of Mori Seiki, a leading machine tool company:
"CIRP is a prestigious technical community in manufacturing science and engineering, accepted as having the highest standards. Membership in CIRP has generated revenues enabling us to meet our company's objectives by accessing cutting-edge manufacturing technology of the highest standards, the sharing of R & D activities, and facilitating contacts with experts worldwide"

Dr. Donald G. McIntosh, Manager manufacturing technology Pratt & Whitney Canada:
"Pratt & Whitney Canada's association with CIRP has provided us with early visibility of advanced manufacturing technologies as they emerge from many of the world's best production engineering research labs. This visibility has allowed us to take actions to achieve and maintain a competitive edge in many of our manufacturing processes."

Advanced Manufacturing Technology
Founded in 1951 to bring together the research community that applies scientific methods to manufacturing technology. The world leader in performing research on advanced manufacturing technologies based on their underlying sciences.

Aims of CIRP
To promote by scientific research the development of all aspects of manufacturing technology covering the optimization, control and management of processes, machines and systems.
To promote cooperative research among its members and creating opportunities for informal contacts among researchers from academia and industry.

A body of some 400 members from 40 industrialized countries, many of whom are longstanding internationally-recognized R & D experts. Members that are known for their high scientific standards and also for their friendliness and collegiality.



For further information please contact:
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9 rue Mayran
75009 PARIS - France
Tel: ++33 1 45 26 21 80
Fax: ++33 1 45 26 92 15
E mail: cirp@cirp.net
<http://www.cirp.net/secretariat/secretariat.html>





The abbreviation CIRP originates from our French name "Collège International pour la Recherche en Productique"

The CIRP website

Looking at the website you will see that the entire CIRP Website has been updated following these changes, including the Internal Regulations, and that a reminder of the new membership titles has been posted up in the Member Area. The current Council members' names are henceforth also posted up at the beginning of the Member Area. There are still names missing in the members' links because for confidentiality reasons, they are not automatically put on the Website. Those who do not wish to see their email or homepage appear on the Website could just request to have their institute's website online, either with their name in the Members' links, or without their name in the Labs links. The same apply to Corporate Members who should contact the Secretariat if they wish a link to their companies' website.

New is also that the Abstracts of next August Papers' presentations are now online, with a direct link from the page "Meetings and Seminars".

9. Meetings Seminars, conferences

13th CIRP INTERNATIONAL CONFERENCE ON LIFE CYCLE ENGINEERING, LCE2006

31 May – 2 June 2006, Leuven, Belgium

LCE2006 is the 13th edition in a series of yearly scientific meetings, organized under the aegis of the CIRP. LCE2006 will provide a forum for researchers and practitioners in the field of life cycle engineering, eco-design, disassembly and life cycle management to discuss recent developments and research findings.

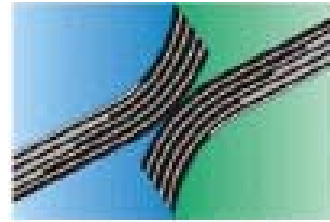


Contact: Prof. J. Duflou, LCE2006@mech.kuleuven.be www.mech.kuleuven.be/LCE2006

39th CIRP International Seminar on Manufacturing Systems The Morphology of Innovative Manufacturing Systems

7 – 9 June 2006, Ljubljana, Slovenia

The CIRP International Seminar on Manufacturing Systems was proposed forty years ago by Professor J. Peklenik. Today, the CIRP International Seminar on Manufacturing Systems is a global, excellent and well recognized scientific event. It represents a unique platform for exchanging of ideas and advances among scientists in this wealth creating, fast developing and exciting scientific field. Especially for the young scientists it represents an opportunity for exposing of ideas to the respectable scientific community.



Topics: Manufacturing system design, operation and maintenance. Modelling, simulation, control and monitoring of manufacturing processes and systems. Automation and robotics in manufacturing. Complexity, flexibility, reconfigurability, transformability, maintainability, reliability, safety and dependability of manufacturing systems. integration and communication. Digital factories, extended enterprises, production networks. Knowledge management in production. Human factors and education.

Contact: prof. Peter Butala cirpisms@fs.uni-lj.si <http://www.fs.uni-lj.si/lakos/CIRPISMS/index.htm>

CIRP - 2ND INTERNATIONAL CONFERENCE on High Performance Cutting

12-13 June 2006, Vancouver, Canada,

Topics: High speed spindle technology, models, tuning and testing. Cutting tool - holder geometry, grades and performance. Feed drive and CNC systems technology, modeling and control. High speed machine tool structures and configurations. Machining of Titanium, Nickel, Magnesium and steel alloys. Residual stress and damage modeling on finished surfaces. CAD/CAM Systems and strategies for High Performance. Machining, Virtual Machining, optimal NC tool path planning. Mechanics and dynamics of metal cutting operations. Metrology, Precision Machining and Sensor Assisted Machining. Monitoring and control of machining operations.

Contact: Prof. Y. Altintas, www.cirp-hpc.org

The 16th CIRP International Design Seminar Design & Innovation for Sustainable Society 16-19 July 2006, Kananaskis, Alberta, Canada

Topics: Innovative Product Design, Adaptable Design, Platform and Product, Architecture Design, Modular Design, Life Cycle Design, Design for Reuse, Remanufacturing, Recycling, Sustainable Design and Development. Design for Environment, Design for Manufacturing, Design for Life, Health and Fitness, Design Methodologies, Tools and Techniques, Distributed Design Activities and Teams, Web-based Design and Collaborative Design and Tools, Digital Product Creation, Product Life Cycle Management, Engineering as Collaborative Negotiation Design Information Systems, Computer-Aided Design, CAD/CAM, Design of Manufacturing Systems, TRIZ Applications in Design, Quality by Design, Creativity & Innovation in Engineering Design, Design in Discrete Product Manufacturing Industry, Design in Auto Manufacturing Industry, Design in Aerospace Industry, Design in High-Tech Industry, Design in Small and Medium Enterprises Engineering Design Management, Industrial Practice of Design for Sustainability and Environment, Current and Future Industrial Practice Trends Innovation in Design Education. **Contact:** Dr. Peihua Gu, pгу@ucalgary.ca

5th CIRP International Seminar on Intelligent Computation in Manufacturing Engineering - CIRP ICME '06

25-28 July 2006, Ischia, Italy

SCOPE: The 5th edition of the Seminar will examine the applications of intelligent computation and related methodologies including expert systems, fuzzy logic, neural networks, genetic algorithms, multi agent systems, evolutionary and emergent computation, etc., as well as hybrid systems combining one or more of these techniques as applied to manufacturing engineering problems. The main scope of the Seminar is to provide an international forum for the exchange of the knowledge, information, experience and results as well as the review of progress and discussion on the state-of-the-art and future trends in intelligent computation methods and tools applied to manufacturing processes.

TOPICS: Material working processes, Metrology and measuring methods, Process modeling and monitoring, Design, simulation and modeling, Concurrent/Simultaneous engineering, Reverse engineering, Rapid and virtual prototyping, tooling, Assembly and disassembly, Micro and nano technologies, Diagnostics and maintenance, Automated inspection and quality control, Sensors and sensing techniques for manufacture, Process/Production planning and control, Dynamic scheduling in complex mftg, Distributed and co-operative production, Customer driven production, Intelligent machines and robots, Intelligent manufacturing systems, Factory design, reconfigurability and integration, Virtual reality for manufacturing, Product life cycle management, Human factors in intelligent mftg. Systems, Manufacturing engineering applications of: expert systems, neural networks, fuzzy logic, neuro-fuzzy systems, multi agents, genetic
Contact: Prof. Roberto Teti: tetiro@unina.it info@www.icme.unina.it

Advances in Materials and Processing Technologies (AMPT) **30 July-3 August 2006, Las Vegas, USA**

Scope: Materials, Sheet forming, Bulk forming, Forming in the melt or near-melt condition, Material-removal processes, Non-traditional processes, Surface engineering, Nano Technology Computer Applications, Environmental Issues.

Contact: gunaseke@ohio.edu

11th ICPE International. Conference on Precision Engineering,

16-18 August 2006, Tokyo, Japan

TOPICS Advanced Manufacturing Systems. Ultra-Precision Machining and Micro Machining. Nanotechnology for Fabrication and Measurement. Rapid Prototyping and Production Technology. New Materials and Advanced Processes. Computer Aided Production Engineering. Manufacturing Process Control. Planning and Scheduling for Production. CAD/CAE/CAM

Contact: F. Kimura, T. Moriwaki: <http://www.icpe11.jspe.or.jp/> takata@waseda.jp

6th International Workshop on Emergent Synthesis

18-19 August 2006, Kashiwa, Japan

Contact: K. Ueda

4th International Conference on Manufacturing Research ICMR 2006

5-7 September 2006, Liverpool, UK

Contact: Dr. Michael Morgan ems@livjm.ac.uk www.icmr2006.org.uk

13th ISPE - International Conference on Concurrent Engineering Research & Application

18-22 September 2006, [Antibes](#), France

Contact: Alain Bernard Alain.Bernard@ircsyn.ec-nantes.fr www.ce2006.org

Topics: Various aspects of information systems and computer applications that are deployed to support the engineering process. This session invites authors to submit papers dealing with specification and deployment of applications to support collaborative work, exception handling and engineering changes; to manage distributed and shared product information, design process and distributed activities; to enhance engineering information capture and reuse and other areas related to engineering process support applications.

3rd International CIRP Seminar on Digital Enterprise Technology, 18-20 September 2006, Setubal, Portugal

Contact P. Maropoulos

CIRP International Seminar on Assembly Systems -ISAS 2006

15-17 November 2006, Stuttgart, Germany.

Topics: Holistic Assembly Systems • Assembly Modelling and Simulation • Assembly Process Technologies • Design for Assembly • Planning of Assembly operations • Methodologies for Planning • Design of Assembly tools and Fixtures • Flexible Assembly (- Assembly Cells - Assembly Systems) • Modular Assembly Systems • Robots in Assembly •



Hybrid Assembly Systems • Human Working Groups • Digital Assembly • Intelligent Assembly • Simulation of Assembly • Integration of Measurement • Quality Management in Assembly • Assembly Execution Systems • Ubiquitous Computing in Assembly • Assembly in specific environments (Clean room) • System integration • Integration of electronics • Integration of software • Micro Assembly • Disassembly • Assembly Logistics

Contact: E. Westkämper, www.cirp2006.iff.uni-stuttgart.de

ICAFT 2006, International Conference on Accuracy in Forming Technology, 10-11 October 2006, Chemnitz, Germany

Contact: R. Neugebauer

1st International Symposium on Digital Manufacture

15-16 October 2006, China

Contact: K.K.B. Hon, J.Y. Zhu

CAPE, Computer Aided Production Engineering

2006, Glasgow, UK

Contact: J.A. McGeough, A. De Silva

COMA 07

31 January-2 February 2007, Stellenbosch, South Africa,

Contact: D. Dimitrov, H.J.J.Kals

International Conference on Smart Machining Systems / M

13-15 March 2007, NIST, Gaithersburg USA

Contact : A. Donmez

6th International Conference on High Speed Machining / C

21-22 March 2007, San Sebastian, Spain

Contact: R. Bueno

10th CIRP International Seminar on Computer-Aided Tolerancing
21 -23 March 2007 Erlangen, Germany
Contact: A. Weckenmann

17th CIRP International Design Seminar,
27-28 March 2007, Berlin, Germany
Contact: F.L. Krause

International Symposium on Electro-Machining (ISEM15)
April 2007 Irwin, USA

Topics: EDM, ECM, USM, LBM. PAM, Water Jet, Abrasive Water Jet, Abrasive Flow and Rapid Prototyping Processes
Contact: ralph.resnick@extrudehone.com



4th International Working Conference TQM – Advances & Intelligent Approaches / O
27-30 May 2007, Belgrade, Serbia and Montenegro
Contact: V.D. Majstorovic

The objective of the Third Conference is to provide an international forum for the exchange of knowledge, experience, research results and information about various aspects of the state-of-the-art and the future development of total quality management. The Conference covers philosophical, scientific and practical concepts concerning research, development and application of TQM-based advanced approaches.

Topics: Business excellence models/BEM (applications and development trends); TQM & manufacturing management; World class performance; Attractive quality; Robust engineering; Six sigma model; Intelligent quality tools and methods; Virtual factory and virtual quality; Intelligent metrology in manufacturing; Intelligent and virtual CMM; Business process improvement;

Contact: Prof. Dr. Vidosav D. MAJSTOROVIĆ, e - mail: majnem@EUnet.yu
website: www.mas.bg.ac.yu or www.jusk.org.yu

40th CIRP International Seminar on Manufacturing Systems
30 May-1st June 2007, Liverpool, UK
Contact: K.K.B.Hon

**IV International Conference on Advances in Production
Engineering / C**
7-9 June 2007, Warsaw, Poland
Contact: K. Jemielniak

14th International CIRP Life Cycle Engineering Seminar
11 – 13 June 2007, Tokyo, Japan
Contact: S. Takata

**4th International Conference & Exhibition on Design &
Production of Machines & Dies/Molds / F**
21-23 June 2007, Turkey
Contact: B.Kaftanoglu

**10th CIRP Intl Workshop on Modelling of Machining
Operations / C**
27-28 Aug 2007, Reggio Calabria, Italy
Contact: R. Levi

**3rd ICTMP – International Conference on Tribology in
Manufacturing Processes / F**
September 2007, Yokohama, Japan
Contact: A. Azushima

2nd International Seminar on Assembly Systems – ISAS 2008
21-23 March 2008, Toronto, Canada
Contact: H. ElMaraghy

**41th CIRP International Seminar on Manufacturing Systems
2008, Japan**
Contact K. Ueda

10. Miscellaneous

New environmental Master Course in France

The Ecoles des Mines of Albi and Douai are collaborating in a programme of higher-level training in the transformation of biomass and waste into energy. The field covered by these courses, at the “Master of Engineering” level is the treatment of solids fuels from renewable sources: biomass, waste and slurries of high energy content.

The professional Master CEWB “Clean Energy from Waste and Biomass” is primarily aimed to students of non-French origin, in particular from the developing and newly industrialized countries (Asia, Latin America, Central and Eastern Europe), but French-speaking and European students are also welcome. The courses will be given in French and English during 18 months including academic work, a research training as well as an industrial placement linked to the research project.

Contact: B.GRANO, Head of the Master CEWB, grano@enstimac.fr
http://www.enstimac.fr/formation/master_professionnel

Academic Position

The Department of Industrial Engineering at the University of Wisconsin-Madison invites applicants for a tenured or tenure-track faculty position beginning August 2006 in one of the following areas: decision sciences/operations research focused on continuous optimization, or manufacturing and production systems engineering focused on emerging manufacturing processes (biological, molecular, or macro/micro manufacturing). Candidates should have outstanding academic record, exceptional potential for creative research, and a commitment to both undergraduate and graduate education. Candidates should have the following: at least six years in a university faculty position, or government or industrial research position; demonstrated track record of national leadership in industrial engineering or a related field, with academic accomplishments as a scholar and teacher that meet the standards for a tenured appointment in industrial and systems engineering. A Ph.D. in Industrial Engineering or related to the areas of interest listed above is required.

Contact Prof. Darek Ceglarek, Ph.D. e-mail: darek@engr.wisc.edu
http://www.engr.wisc.edu/ie/faculty/ceglarek_darek.html

Web usage

The usage of the web over the last year shown below. The month January (Paris meetings) is with 247288 hits on the top, an increase of 25% compared to last year.

