



Euromat 2003 in Lausanne

Everything Conspired for a Most Memorable Event

Everything conspired to make Euromat 2003 a most memorable event. Held on 1 – 5 September at the Swiss Federal Institute of Technology (EPFL) on the banks of Lake Geneva, the event attracted 1300 delegates from more than 50 countries.

The organising committee, chaired by Jacques Jupille, SF2M, France, with Manfred Rühle, DGM, Germany, and Wilfried Kurtz, SVMT, Switzerland, as co-chairmen, must be congratulated for the arrangements. To cap it all, the weather was perfect and the technical quality of both the congress and exhibition were first class. "The Opening Ceremony included a delightful musical accompaniment by the Sine Nomine Quartet and the presentation of the two FEMS Awards for 2003 by Alan Morrell, President of FEMS."



The Sine Nomine Quartet

The European Materials Gold Medal went to Gerhard Wegner of the Max Planck Institute for Polymer Research in Mainz, Germany, for his contribution to the development of novel polymer materials.

Aldo Boccaccini of Imperial College, London, UK, received the Materials Science and Technology Prize for his work on advanced ceramics and their applications.

Plenary Lectures

Four outstanding Plenary Lectures were presented during the Congress. Stephen Mann of the University of Bristol, UK described new strategies for

the synthesis of organised inorganic nanostructures. This was followed by a very interesting review of past and present glass technologies by Jean-Claude Lehmann of CNRS, Saint Gobain, France.

Sir Harold Kroto of the University of Sussex, UK, winner of the Nobel Prize for Chemistry in 1996, gave the third Plenary Lecture. This charted the development of formation mechanisms for carbon nanotubes.

The final Plenary, was given by Klaus Kern of the Max Planck Institute for Solid Research in Stuttgart, Germany. This was entitled "The Small Frontier: Engineering Materials and Devices at the Atomic Scale".

Euromat 2003 featured a Job Market for the first time. This attracted interest throughout the congress.

Technical programme

Fifteen topics provided emphasis on fundamental approaches and processing-related aspects of new and unconventional materials.

Over 800 oral presentations occupied fifteen



Outstanding researchers at Euromat (photos from upper left to lower right): Gerhard Wegner (left) received the European Materials Gold Medal from Alan Morrell; Aldo Boccaccini (right) received the Materials Science and Technology Prize; Nobel Prize winner Sir Harold Kroto and Klaus Kern were among the Plenary lecturers.

parallel sessions for the four days of the conference. In addition, over 500 posters were presented in two sessions at which beer and snacks were available to everyone.

Food from each of the three organising coun-

tries, France, Germany and Switzerland, was served on 'European Night' and was accompanied by music from three different countries. An enjoyable barbecue on the final evening provided the ideal ending to a splendid week.

EPFL in Lausanne (left), where the Euromat Job Market also took place (right).



Enjoyable social events were The European Night and the barbecue on the beach of the Lake Geneva.

New FEMS Executive Committee



The new FEMS Executive Committee includes (from left): Wilfried Kurz, Bart Blanpain, Marco V. Boniardi and Sybrand van der Zwaag.

FEMS will have a new Executive Committee from 2004 to 2005 with Prof. Wilfried Kurz as President, Prof. Bart Blanpain as Treasurer, and Prof. Marco Boniardi and Prof. Sybrand van der Zwaag as new Officers.

Vice President will be **Prof. Robert Singer** of the Friedrich-Alexander-Universität Erlangen-Nürnberg; **Alan Morrell** takes up the Past President role. Prof. Jean Vereecken, Treasurer for 6 years, leaves the Executive Committee, as do Past President Prof. Donato Firrao and Secretary Dr. Peter Schepp.

Prof. Wilfried Kurz obtained an engineering degree at Montan Universität Leoben (Austria) in 1963. Since 1974 he has been a full Professor at Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland. His main interests include solidification and materials science. From 1983 to 1990 he led

the COST 504 programme on "Advanced Solidification and Casting Technology", and from 1995 to 1997 he was President of the Swiss Association SVMT.

Prof. Bart Blanpain was born in Leuven (Belgium) and holds Masters degrees in Metallurgical Engineering (Leuven, 1986) and in Materials Science and Engineering (Cornell University, 1988). There he received his PhD in 1990. He is now Professor at the Department of Metallurgy and Materials Engineering at KU Leuven. He specialises in high temperature process metallurgy and micro-chemical materials characterisation.

Prof. Marco Boniardi was born in Milan (Italy). He received a degree in Mechanical Engineering in 1988 at the Politecnico di Milano, where he became Full Professor of Metallurgy in the Department of Mechanics in 2002. His research interests include austenitic and duplex stain-

less steels, surface treatments and coatings, fatigue and fracture mechanics, engineering tribology and failure analysis.

Prof. Sybrand van der Zwaag studied Metallurgy at the TU Delft. He obtained his MSc at the Dutch Nuclear Research Centre, ECN, in Petten, and his PhD, in Applied Physics, from Cambridge University. After 10 years in industrial research he was appointed Professor of Metallurgy at TU Delft in 1992. In 2000 he became chairman of the Dutch Materials Science Society, BvM, in 2000.

Other members of the Executive Committee who will continue in office include:

- **Prof. Bill Clyne** of Cambridge University, who has responsibility for Conferences;
- **Prof. Aleksandra Czyrska-Filemono** of Krakow University and **Prof. Pavel Lukác** of Charles University, Prague, who are jointly responsible for Eastern European matters;
- **Dr. Jacques Jupille** of CNRS-Saint Gobain, France, who deals with Educational issues; and **Prof. Marcel Somers** of the Technical University of Denmark, Lyngby, who takes care of International Relations.

Dates for your Diary

DGM is organising **JUNIOR EUROMAT 2004**, the Major Event for young materials scientists. It will take place in Lausanne, Switzerland, on 6 - 9 September 2004. Full details are available at the website www.junior-euromat.fems.org. There will be 13 different topics this time, and the closing date for the Call for Posters is 15 March 2004.

MATERIALS CONGRESS 2004 will be held in London on 30 March - 1 April 2004. This is the fourth international Materials Congress to be organised by The Institute of Materials, Minerals and Mining and the venue will again be Carlton House Terrace. An exciting programme with about 40 Plenary and Keynote lectures will also include sixteen technical symposia in up to six parallel sessions. For full details see the website www.iom3.org/Congress2004.

FEMS on the Move

With the appointment of Paul McIntyre to succeed Peter Schepp as FEMS Secretary with effect from 1st January 2004, the FEMS Secretariat will be moving from Frankfurt to London.

Dr McIntyre is located at The Institute of Materials, Minerals and Mining where he serves as Scientific Secretary to the European Federation of Corrosion and Editor of Corrosion Engineering, Science and Technology.

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