
Materials:

Metallic Alloys, Tool Materials, Superplastic Materials, Ceramics and Glasses, Composites, Amorphous Materials, Nanomaterials, Biomaterials, Multifunctional and Smart Materials, Engineering Polymers

Properties:

Ductility and Crack Resistance, Fatigue, Creep-resistance, Fracture Mechanics, Mechanical, Electrical, and Magnetic Properties, Corrosion and Erosion, Wear Resistance, Non-Destructive Testing, Reliability Assessment, Toxicity, Working Properties of Materials and Products

Methodology of Research:

Electron Microscopy, X-ray Phase Analysis, Metallography and Quantitative Metallography, Image Analysis, Computer Assistance in the Engineering Tasks and Scientific Research

Analysis and Modelling:

Numerical Techniques, Statistic Methods, Residual Life Analysis, Process Systems Design, Mould Flow Analysis, Rapid Prototyping, CAD/CAM, CAMS, CAQ, Engineering Design, Constructional Design, Technological Design, Materials Design, Applied Mechanics, Computational Material Science and Mechanics, Materials and Engineering Databases, Expert Systems, Artificial Intelligence Methods

Manufacturing and Processing:

Casting, Powder Metallurgy, Welding, Sintering, Heat Treatment, Thermo-Chemical Treatment, Thin & Thick Coatings, Surface Treatment, Machining, Plastic Forming, Quality Assessment, Automation Engineering Processes, Robotics and Mechatronics, Technological Devices and Equipment

Cleaner Production:

Theoretical Fundamentals of Cleaner Production, Industrial Application of Cleaner Production Methods

Industrial Management and Organisation:

Production and Operations Management, Production Planning and Control, Manufacturing Technology Management, Quality Management, Environmental Management, Safety and Health Management, Project Management, Physical Distribution and Logistics Management, Supply Chain Management, Productivity and Performance Management

Education and Research Trends:

Development of New Curricula for BSc and MSc Studies in the field of Materials Science, Manufacturing and Mechanical Engineering, Challenges of the Widening Labour Market, Complementary Roles of Developed and Developing Nations in Promoting a Global Industrial and Economical Infrastructure and Requirements on Common International Research and Teaching Development in the field of Materials, Manufacturing and Mechanical Engineering, Computer Aided Teaching, E-learning

Only papers positively pre-reviewed by at least two reviewers are published in the Journal



**The World Academy of Materials and
Manufacturing Engineering
and
the Materials Science Committee of the Polish
Academy of Sciences**

would like to invite to the **16th International Scientific Conference
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AMME'08

which will be organised in the medieval Teutonic castle in Ryn in Mazuria, known as a region of thousand lakes in Poland,

22nd - 25th June 2008



DEADLINES

Full Papers Submission – 15th April 2008

Acceptance of Papers - 30th April 2008

PUBLICATION

The AMME'2008 conference delegates are invited to prepare papers which will be published in the electronic version on the CD-ROM after peer reviews worked by experts invited by the Conference Organisers, and after the choice made by the Organisers in:

- the Worldwide Journal of Achievements in Materials and Manufacturing Engineering by the International OCSCO World Press, Gliwice-Campinas-Portland-Madrid-Daejeon-Brisbane-Cairo, or
- the Special Issue of the International Journal of Computational Materials Science and Surface Engineering by Inderscience Publishers, Switzerland or
- the Special Issue of the International Journal of Continuing Engineering Education and Life-Long Learning by Inderscience Publishers, Switzerland or
- the Special Issue of the International Journal of Manufacturing Technology and Management by Inderscience Publishers, Switzerland or
- the Special Issue of the International Journal of Materials and Product Technology by Inderscience Publishers, Switzerland or
- the Special Issue of the International Journal of Materials and Structural Integrity by Inderscience Publishers, Switzerland or
- the Special Issue of the International Journal of Microstructure and Materials Properties by Inderscience Publishers, Switzerland or
- the Special Issue of the International Journal of Nanomanufacturing by Inderscience Publishers, Switzerland or
- the Special Issue of the International Journal of Surface Science and Engineering by Inderscience Publishers, Switzerland or
- Archives of Materials Science and Engineering by the International OCSCO World Press, Gliwice, Poland

Some of above mentioned journals are indexed by Thomson Scientific, formerly known as Thomson ISI from Philadelphia, PA (USA).

Conference Venue

Ryn Castle Hotel****

Ryn, near Olsztyn, Poland

ADDRESS OF THE CONFERENCE:

**AMME'2008 Conference Secretariat Institute of
Engineering Materials and Biomaterials,
Silesian University of Technology
ul. Konarskiego 18a (room 366),
44-100 Gliwice, Poland**

ISSN 1734-8412

On-line registration and detailed information

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