



5TH ICMAT ON MICROWAVE PROCESSING OF MATERIALS

The second session after a tea break, started with a talk of Prof. Manoj Gupta on microwave heating of metal based materials. This was followed by three oral presentations on the application of microwave in various fields. In the third session, Dr. Noboru Yoshikawa gave an excellent presentation of the recent activities on microwave materials processing research in Japan. During the lunch hour, the participants also spent their time at the poster session.

After lunch, the third session continued with the talk by Prof. Subhash Kashyap on the microwave processing of semiconducting materials. In the last session, Prof. Cristina Leonelli presented the microwave research activities in Europe. The closing remark was delivered by Mr. Hu Peng to thank all the speakers and participants who made this symposium a success. The symposium was ended by a tea break and networking between the participants.

The organising committee also arranged a dinner at Singapore Night Safari. The restaurant offers an extensive choice of local favourites and international cuisine in an environment with symphony of night creatures nearby. After this, everybody had a very unique experience of exploring the world's first wildlife park in a tropical jungle in the night, led by Prof. Manoj Gupta.

Overall, it was a very successful symposium in the region of Southeast Asia on the microwave processing of materials. A special thank should go to Prof. B.V.R. Chowdari, the ICMAT Chairman, for his exceptional supports to accommodate our symposium into ICMAT 2009.

For more information on this industrial symposium, please visit the webpage at <http://www.mrs.org.sg/icmat2009/symposia/industrial-symposium2/default.htm>.

The abstract book of the symposium can be downloaded at <http://www.dawnyx.com/pdf/IndSYMII.pdf>



Suntec Singapore International Convention and Exhibition Centre (SICEC) the venue of ICMAT 2009



Photo of some of the delegates who attended the symposium.



Registration corner outside the symposium room.



The sponsor of the symposium, SYNOTHERM Corporation exhibits their product of microwave muffle furnace which attainable temperature up to 1600°C.



Mr. Hu Peng delivered the closing remark.



Prof. Cristina Leonelli presented her talk on the microwave research activities in Europe.



Delegates enjoy their dinner at Singapore Night Safari.

NEWS AND EVENTS

PETRIE LAUNCH REVOLUTIONARY NEW OVEN - COMBINING HOT AIR, MICROWAVE AND STEAM

Until now microwave technology has only been available in either small domestic units or large bespoke systems. Utilising Petrie's unique know-how of combination heating, the BAMWA (see photo) oven has been developed specifically with the small user in mind.



Following the success of large continuous microwave systems for baking, Petrie has launched a batch combination microwave system capable of baking bread with or without crust, along with the flexibility to be used in numerous other applications.

The system uses industrial 900MHz microwave, with a much longer wavelength than the conventional microwave used in domestic applications. This gives a greater penetration and much improved product with consistent results.

For more information about the new BAMWA oven and other systems available from Petrie Technologies call +44 (0)1257 241206 or visit <http://www.petrielttd.com/>



BAMWA oven

COMPUTER MODELLING

12th Seminar "Computer Modeling in Microwave Engineering and Applications" 8-9 March, 2010, Grenoble Institute of Technology, Grenoble, France

The next meeting in the series of seminars/workshops organized annually by the Industrial Microwave

Modeling Group of Worcester Polytechnic Institute, Worcester, MA, USA will be co-organized by the SIMAP Laboratory of the Grenoble Institute of Technology, Grenoble, France. The topic on the 2010 forum will be "Advances in Modeling of Microwave Sintering".

For details contact the organizers: Vadim Yakovlev (vadim@wpi.edu) Didier Bouvard (didier.bouvard@grenoble-inp.fr) or visit

<http://www.wpi.edu/+CIMS/IMMG/seminars.html>

PIERS 2010

27th Progress in Electromagnetics Research Symposium (PIERS) 22-26 March 2010 Xi'an, CHINA.

For more information on this and other PIERS venues visit:

<http://piers.mit.edu/piers/>

ACES 2010

26th International Review of Progress in Applied Computational Electromagnetics, Tampere Finland, 25-29 April 2010

For more information visit:

<http://aces.ee.olemiss.edu/conference.php>

HES-10: HEATING BY ELECTROMAGNETIC SOURCES

Induction, Dielectric, Conduction & EMP

Padua, May 19-21, 2010

www.die.unipd.it/dipartimento/eventi/hes10

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**Association of Microwave Power in Europe for Research
and Education (AMPERE Europe)**