Microscopy Conference (MC) 2007

Microscopy Conference (MC) 2007. At the university campus of Saarbrücken, the capital of Saarland, Germany’s smallest federal state, well known in the past for its iron producing industry, with the world cultural heritage "Völklinger Hütte", the 33rd conference of the German Society of Electron Microscopy (DGE) took place between 2nd and 7th of September.

In total 450 delegates were offered to attend 21 oral sessions consisting of 130 talks, four poster sessions with 120 contributions, one technical lecture including 16 exhibitors presentations and several workshops. The exhibition floor, connecting the lecture halls, areas for poster sessions, coffee bar and registration, presented 30 companies introducing their product novelties in Hardware, Software and consumables to the audience.

Following the welcome and followed by the first plenary lecture one of the most prestigious Prizes for outstanding scientific developments in electron microscopy, the Ernst Ruska Prize was awarded this year by Paul Walter (Ulm, Germany) president of the DFE to Richard J. Spontak (Berkeley, USA), Hiroshi Jinnai (Kyoto, Japan) and Paul A. Midgley (Cambridge, UK) (Fig. 1). The Jury honoured the three Scientists and MC 2007 plenary lecturers for their work on novel and quantitative uses of electron tomography in the 3D study of nanostructured materials. Further plenary talks were given by:

- Andrew Bleloch, Cambridge, UK (Applications of Aberration Corrected STEM: Imaging and EELS)
- Hans Cerva, Munich, Germany (Application of Selected Electron Microscopy Methods to Materials Analysis Problems from an Industrial Environment)
- Marek Cyrklaff, Martinsried, Germany (Cryo-Tomography of Whole Cells)
- Jacques Dubochet, Lausanne, Switzerland (Cryo-electron Microscopy of Vitreous Sections)
- Gareth Griffiths, Heidelberg, Germany (State of the Art Microscopy for Cell Biology with a Focus on Mycobacteria and Phagocytosis)
- Othmar Marti, Ulm, Germany (Nanomechanical Characterization from Living Cells to the Cytoskeleton)
- Andreas Thust, Juelich, Germany (High-Resolution Transmission Electron Microscopy Entering the Sub- Angstrom Era)
Roger Wepf, Zurich, Switzerland (Correlative Microscopy in Focus: Shortcuts, Prerequisites and Future Needs in Diagnostic and Analytical Biomedical Structure Research) For the social programme delegates were first invited on September 4th to the FEI Company and Carl Zeiss SMT customers evening event at the Congress Centre Saarbrücken and "Völklinger Hütte", respectively.

The following evening was reserved for the congress dinner at the "Alte Schmelze" (eng. Old Smeltery) in St. Ingbert a further monument to former ironworks close to the venue. But before the participants could enjoy the delicacies of the region, a fantastic organ performance in St. Hildegards Church took the audience on a trip through compositions of Johann Sebastian Bach, Charles- Marie Widor, Louis Vierne, Wolfgang Amadeus Mozart, and Naji Hakim. To all who enjoyed this successful and very informative event hosted by the DGE, the next Microscopy Conference coorganised by them is the European Microscopy Congress in Aachen, Germany 2008 and the "Dreiländertagung" in Graz, Austria 2009. Hopefully see you all there!

Contact

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