

Conference celebrates 10th anniversary; founded on ASU professor's scientific contribution

The Sixth International Conference LEEM-PEEM6 was held in Trieste, Italy September 7-11, 2008. The conference was co-organized by Anastassia Pavlovskaya, an ASU research associate working with Distinguished Research Professor Ernst Bauer in ASU Physics.

The organization of these bi-annual international conferences demonstrates the tremendous impact Professor Bauer has had on the science community. Bauer invented LEEM (Low Energy Electron Microscopy), which is a unique surface imaging method. His efforts in the field of surface microscopy have significantly enhanced Arizona State University's reputation as the center of surface electron microscopy.



The first international LEEM/PEEM workshop was organized in 1998 by Ernst Bauer and Anastassia Pavlovskaya and attracted 40 researchers from eight countries. Subsequent conferences have been held in Paris (2000), New Mexico (2002), Holland (2004) and Japan (2006). This past conference celebrated the 10th anniversary of the LEEM conferences – a milestone marked by celebration at the conference.

The LEEM-PEEM6 conference focused on the most recent scientific advances as well as on the instrumental developments. Topics included surface chemistry, organic films, magnetism, advances in LEEM-PEEM instrumentation, novel methods and applications, and time resolved studies. Bauer gave an honorary lecture on *Past and future of LEEM and PEEM*.

With 130 participants from 19 countries, the 2008 conference illustrated the steady growth in the LEEM/PEEM community. In addition to being a great scientific success, the conference also demonstrated that - despite tremendous growth - the LEEM/PEEM community maintains the harmonious, friendly, close-knit spirit of its pioneering times.

The LEEMPEEM6 conference proceedings will appear on a special issue of the [Journal of Physics: Condensed Matter](#) as Festschrift in honor of Professor Bauer.

For more information, visit <http://www.lettera.trieste.it/leempeem6>.