TECHNISCHE UNIVERSITÄT CHEMNITZ

PHYSIKALISCHES KOLLOQUIUM

Mittwoch, den 02.06.2010, um **15:30 Uhr**

Ort: Reichenhainer Str. 90; Neues Hörsaalgebäude, Raum: 2/N013

Prof. Dr. Paolo Lugli

Lehrstuhl für Nanoelektronik
Technische Universität München

Fabrication, characterization and simulation of organic devices

Paolo Lugli graduated in Physics at the University of Modena, Italy, in 1979. In 1981 he joined Colorado State University, Fort Collins, CO, where he received his Master of Science in 1982 and his Ph.D. in 1985, both in Electrical Engineering. In 1985 he joined the Physics Department of the University of Modena as Research Associate. From 1988 to 1993 he was Associate Professor of ``Solid State Physics'' at the ``Engineering Faculty'' of the 2nd University of Rome ``Tor Vergata''. In 1993 he was appointed as Full Professor of ``Optoelectronics'' at the same University. In 2002 he joined the Technical University of Munich were he was appointed head of the newly created Institute for Nanoelectronics.

His current research interests involve the modeling, fabrication and characterization of organic devices for electronics and optoelectronics applications, the design of organic circuits, the numerical simulation of microwave semiconductor devices, and the theoretical study of transport processes in nanostructures. He is author of more than 350 scientific papers and co-author of the books "The Monte Carlo Modelling for Semiconductor Device Simulations" (Springer, 1989) and “High Speed Optical Communications“ (Kluver Academic, 1999). In 2004, he served as General Chairman of the IEEE International Conference on Nanotechnology held in Munich.

Alle Zuhörer sind ab 15:15 Uhr zum Kaffee vor dem Hörsaal eingeladen.