



SEMINARIUM

Instytutu Technologii Elektronowej

Making Process Development Faster - or - Know what you know

New product developments or product enhancements are challenged today by a variety of uncertainties and hurdles. This is especially true when developing microelectromechanical systems (MEMS), nanoelectromechanical systems (NEMS) or other thin film devices and specifically their required manufacturing processes. The diversity of technology options and their constraints as well as the shrinking geometries and other external and internal forces put the engineers and technologies at their edge.

One area to be looked at is the market pressures and trends forcing more and more collaboration and standardization. Additionally the market demands faster time-to-market calling for more efficient development approaches. One way to approach this is to use rapid prototyping and virtual pre-assessments. Another is trying to reuse as much as possible from previous developments.

The talk by Dr. Popp will give an overview over the work done in the EC Project Promenade (2004-2007) and the ideas behind the current EC project Corona (2008-2011) regarding the topics mentioned above. Furthermore the resulting software XperiDesk and company Process Relations will be presented. At the end there will be an open Q&A round.

Dr. Jens Popp is VP of product management at Process Relations. He gained eight years of experience in the semiconductor and EDA field during his time at university and his engagements in the industry. There he worked in the area of MEMS design and simulation and gained knowledge of the development methods used to effectively manage process data. You can reach Jens Popp at jens.popp@process-relations.com.