

INVITATION

Distinguished Lecturer Seminar



“Politehnica” University of Timisoara

under the frame of

“NanoPol”

Pole of Excellence in Smart Materials
Micro and Nanoengineering

and

“SONNET”

Southern Nanoengineering Network



Distinguished Lecturer Seminar

Dear Madame,
Dear Sir,

You are kindly invited to a lecture presented by our distinguished guests

Dr. Rolf Gotthardt

Ecole Polytechnique Federale de Lausanne

on

Ion Implantation

in

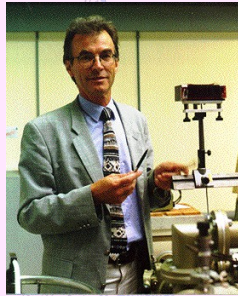
Micro-Actuators Design

organized as part of the Distinguished Lecturer Seminar

The Lecture will be presented **on November 7, 2007 at 12:00** in Amphitheater **150** of the Mechanical Faculty of the Politehnica University of Timisoara, Romania, Bd. Mihai Viteazul nr. 1.

We look forward to your participation in
this special event

Distinguished Lecturer Seminar



Native of Berlin / Germany, Rolf Gotthardt was born in 1941. He studied physics at the Universities of Berlin and Stuttgart where he graduated in 1967. From 1968 to 1973, he worked as an assistant at the Max Planck Institut für Metallforschung in Stuttgart. In 1973, he joined the Institut de Génie Atomique (IGA) at the Physics Department of the Ecole Polytechnique Fédérale de Lausanne (EPFL). Two years later he was nominated as "Chargé de cours" (Lecturer) teaching Electron Microscopy. Between 1979 and 1980, he left Switzerland to join the Institute for Scientific and Industrial Research at Osaka University (Japan) as a guest researcher. Back to IGA, he was promoted to the position of "Adjoint scientifique" (Associate Scientist) in 1982, and he set up a small group of postdoctoral collaborators and PhD students specialized in Martensitic Phase Transformations in shape-memory alloys (SMA). He enlarged his research spectrum by the addition of theoretical and experimental investigations on high energy ion implantation. Rolf Gotthardt participated in several national and international research programs, with research interests focussed on:

- Phase formation and transformation induced by high energy ion implantation
- Diffusionless Phase Transformations Functional materials based on polymers with embedded SMA wires
- Introduction of SMAs in microsystems and microtechnology



“NanoPol” - Pole of Excellence in Smart Materials Micro and Nanoengineering is a project financed by Romanian National Research Agency, aiming to strengthen the regional contribution to the field based on national and international collaboration

“SONNET” - Southern Nanoengineering Network is a project financed by the Swiss National Science Foundation, aiming to enhance the regional collaboration in the field of micro and nanoengineering. It involves the following institutional partners: Universite de Neuchatel, Universitatea “Politehnica” din Timisoara, Bulgarian Academy of Sciences, Universitatea Tehnica a Moldovei si firma LK-ELDUS

For additional details you are welcome to contact

Conf. dr. ing. **Corneliu M. CRACIUNESCU**

“Politehnica” University of Timisoara

Department of Materials and Fabrication Engineering

Bd. Mihai Viteazul 1, 30007 Timisoara, Romania

Tel: +40-256-403655

Fax: +40-256-403523

Email: craciunescuem@yahoo.com