

Sveučilište u Rijeci



TEHNIČKI FAKULTET

**Zavod za konstruiranje u strojarstvu  
Zavod za materijale**

Akademski klub doktora znanosti, magistara znanosti, diplomiranih inženjera i inženjera Tehničkog fakulteta

# **POZIV**

na predavanje

## **STRUCTURE AND PROPERTIES OF COMPOSITE MATERIALS AND THEIR APPLICATION IN THE FIELD OF MECHANICAL ENGINEERING**

(Struktura i svojstva kompozitnih materijala i njihova primjena u strojarstvu)



koje će na Tehničkom fakultetu održati  
**Prof. Dr.-Ing. Dr. h.c. Klaus Friedrich**

s Instituta za kompozitne materijale, Tehnički univerzitet Kaiserslautern, Njemačka

**Vrijeme održavanja predavanja:**

**Ponedjeljak, 10. studenog 2008. g., u 9.00 sati u predavaonici U10.**

Predavanje je namijenjeno studentima 3. godine sveučilišnog preddiplomskog studija strojarstva i brodogradnje i svim ostalim zainteresiranim nastavnicima i studentima.

**Ponedjeljak, 10. studenog 2008. g., u 18.00 sati u predavaonici P3.**

Predavanje je namijenjeno studentima 1. godine sveučilišnog preddiplomskog studija strojarstva i brodogradnje, studentima 1. godine stručnog studija strojarstva i brodogradnje te svim ostalim zainteresiranim nastavnicima i studentima.

## **Short Biography of Klaus Friedrich**

K. Friedrich graduated in “Fabrication Technology” at the University of Applied Sciences in Dortmund and in “Mechanical Engineering” at the Ruhr-University Bochum (RUB) in Germany. Here, he also earned his Dr.-Ing. Degree in “Materials Science” in 1978. After his function as “Chief-Engineer” at the Institute for Materials, RUB, and some industrial experience in the construction of machine elements, he was associated in 1980 as a Visiting Assistant Professor with the Center for Composite Materials, University of Delaware, USA. Afterwards, i.e. between 1982 and 1990, he worked as a Professor for Polymers and Composites at the Technical University Hamburg-Harburg.

In August 1990, K. Friedrich became Research Director for Materials Science at the Institute for Composite Materials, University of Kaiserslautern. He acts also as a Scientific Board Member of various international journals in the fields of materials science, composites and tribology. Together with his co-workers he has published more than 750 papers in refereed journals, books and conference proceedings. According to ISIHighlyCited.com, Professor Friedrich is listed as a highly cited researcher in materials science. Further, he is editor of five books on “Friction and Wear of Polymer Composites”, “Application of Fracture Mechanics to Composite Materials”, “Advances in Composites Tribology”, “Polymer Composites: From Nano- to Macro-Scale”, and “Tribology of Polymeric Nanocomposites: Friction and Wear of Bulk Materials and Coatings”, respectively. He holds three honorary professorships from distinguished Chinese universities, and in March 2001, the Budapest University of Technology and Economics, Hungary, conferred to him the degree Dr. h. c. (honorary Dr. degree) . In 2005, Prof. Friedrich was honored as a World Fellow of the International Committee on Composite Materials (ICCM), and in the same year he received an International Professorial Fellowship from the Australian Research Council for a one year sabbatical at the University of Sydney, which started in June 2006. Now, Prof. Friedrich acts as a research consultant to various institutes and industrial companies.