



Univerzita Palackého  
v Olomouci



# POZVÁNKA

22.3.2007

na semináře konané v rámci výstupů projektu podpořeného  
Evropským sociálním fondem, OPRLZ

„Kvalitativní rozvoj studia učitelství fyziky“

## MEZI EXOTIKOU A VŠEDNOSTÍ



Pohled na svět a na sebe samé  
očíma indických studentů

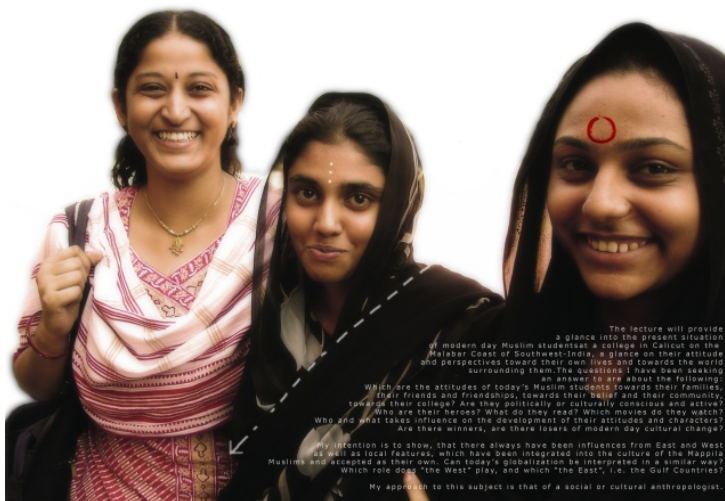
přednáší

**Barbara Riedel**  
Institute of Ethnology  
University of Freiburg/Germany



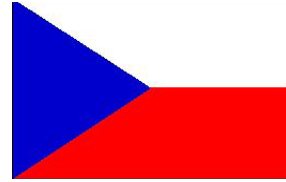
22.3.2007 Přírodovědecká fakulta UP Olomouc  
Katedra experimentální fyziky

**14.00 hodin**  
učebna LN 51 (Tř. 17. listopadu 50)



രംഗത്തെ നേട്ടങ്ങൾക്ക് നിദാനം. സർക്കാരിന്റെ ഉടമസ്ഥതയിലും നിയന്ത്രണത്തിലും ഗ്രാമപഞ്ചായത്ത് തലത്തിലെ പ്രാഥമിക ആരോഗ്യ കേന്ദ്രങ്ങൾ മുതൽ മെഡിക്കൽ കോളേജുകൾ വരെയുള്ള ആതുര ശൃംഖല കേന്ദ്രങ്ങളുടെ ബൃഹത്തായ ശൃംഖലയിലൂടെ ജനങ്ങൾക്ക് നൽകുന്ന സേവനങ്ങൾ ആരോഗ്യമേഖലയിലെ നേട്ടങ്ങൾ നിലനിർത്തുന്നതിന് സഹായിച്ചിട്ടുണ്ട്. രോഗാതുരതയിലെ വർദ്ധനവും, മരുന്നുകളുടെയും ഇതര സേവനങ്ങളുടെയും വിലനിലവാരത്തിലുണ്ടായിട്ടുള്ള വർദ്ധനവും സർക്കാർ സംവിധാനങ്ങളുടെ

The lecture will provide a glance into the present situation of modern day Muslim students at a college on the Malabar Coast of Southwest-India, a glance on their attitude and perspectives toward their own lives and towards the world surrounding them. The questions I have been seeking an answer to are about the following: Which are the attitudes of today's Muslim students towards their families, their friends and friendships towards their belief and their community toward their college? Are they politically or culturally conscious and active? Who are their heroes? What do they read? Which movies do they watch and what takes influence on the development of their attitudes and characters? Are there winners, are there losers of modern day cultural changes? My intention is to show, that there always have been influences from East and West as well as local features, which have been integrated into the culture of the Mappila Muslims and accepted as their own. Can today's globalization be interpreted in a similar way? Which role does "the West" play, and which "the East", i.e. the Gulf Countries? My approach to this subject is that of a social or cultural anthropologist.



## **Between Exoticism and Everydayness**

Orient and Occident in Calicut, India

Impressions based on fieldwork with Mappila Muslim students at the Malabar Christian College, Calicut, Kérala 2003-2006

The lecture will provide a glance into the present situation of modern day Muslim students at a college in Calicut on the Malabar Coast of Southwest-India, a glance on their attitudes and perspectives toward their own lives and towards the world surrounding them. The questions I have been seeking an answer to are about the following: Which are the attitudes of today's Muslim students towards their families, their friends and friendships, towards their belief and their community, towards their college? Are they politically or culturally conscious and active? Who are their heroes? What do they read? Which movies do they watch? Who and what takes influence on the development of their attitudes and characters? Are there winners, are there losers of modern day cultural change?

My intention is to show, that there always have been influences from East and West as well as local features, which have been integrated into the culture of the Mappila Muslims and accepted as their own. Can today's globalization be interpreted in a similar way? Which role does "the West" play, and which "the East", i.e. the Gulf Countries?





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**VIRTUÁLNÍ MATERIÁLY  
V REÁLNÉM SVĚTĚ**

Jak ohočit pevné látky aby nám sloužily

přednáší  
**Hermann Riedel**  
Fraunhofer-Institut für Werkstoffmechanik  
Freiburg, Germany

In the automotive industry, as in many other branches, computer simulation is an important part of the development process, when new products and production facilities are designed. The Fraunhofer-Institut für Werkstoffmechanik promotes this trend, especially by exploring the behavior of new and old materials and by casting the results into equations that are useful for computer simulation. Examples are texture evolution or crack formation during rolling, spring-back after sheet metal forming, powder metallurgical processes, thermo-mechanical fatigue of engine components and crash simulation.



22.3.2007 Přírodovědecká fakulta UP Olomouc  
Katedra experimentální fyziky

**15.30 hodin**

učebna LN 51 (Tř. 17. listopadu 50)

## Virtual Materials in the Real World

*To Force Solids to Serve Us ...*

/ Simulation in process and product development /

Hermann Riedel, Fraunhofer-Institut für Werkstoffmechanik, Freiburg, Germany  
[hermann.riedel@iwf.fraunhofer.de](mailto:hermann.riedel@iwf.fraunhofer.de)

In the material industry, as in many other branches, computer simulation is an important part of the development process, when new products and production facilities are designed. We can develop favourable concepts to make optimum use of new materials as well as cost-effective and environmentally compatible shaping and precision-machining processes.

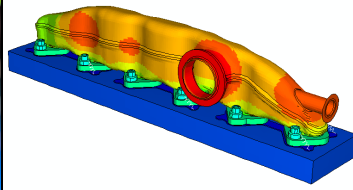
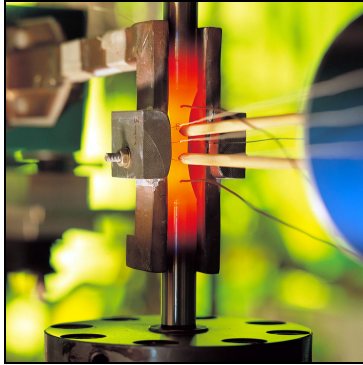
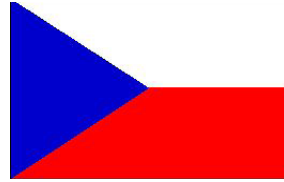
The Fraunhofer-Institut für Werkstoffmechanik promotes this trend by exploring the physical behaviour of new and old materials and by casting the results into equations that are useful for computer simulation. The construction and carrying out of long-term physical experiments are extremely expensive and time-consuming. Our simulation tools allow to predict physical system behaviour with respect to optimisation.

Examples are texture evolution or crack formation during rolling, spring-back after sheet metal forming, powder metallurgical processes, thermo-mechanical fatigue of engine components and crash simulation.

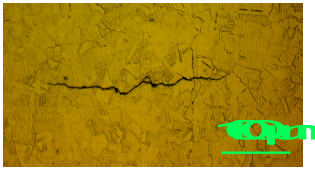
Material test



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Lifetime prediction for exhaust  
manifold



Fatigue microcrack