



Physikalisch-Chemisches Kolloquium und Kolloquium des Center of Interface Science

Sommersemester 2011

Herr Dr. Stefan Mátéfi-Tempfli,

University of Namur, Dept. of Physics,

z.Zt. Fellow am Hanse Wissenschaftskolleg Delmenhorst

wird am

Montag, den 18. April 2011, 17 Uhr c.t., Raum W3 1-156

im Rahmen unseres Kolloquiums über

**„Combining electrochemical template synthesis with
classical lithography methods of micro- and nano-
patterning“**

sprechen.

Methods based on template synthesis and on self organization seem of being among the most promising for the fabrication of nanomaterials and nanostructures due to their easiness and low cost. Using supported nanoporous alumina template to combine electrochemical synthesis with lithographic methods open new ways for the fabrication of complex nanostructures. The advantages and its compatibility with microelectronic processes make it an ideal candidate for further integration into large-scale fabrication of various nanowire-based, and of ultimately attainable high density single nanowire-based devices.

Gäste sind herzlich willkommen!

Die Lehrenden der Physikalischen
Chemie