



Physikalisches Institut  
Universität Bayreuth

Emil Warburg  
Stiftung



**6th Lorenz Kramer Memorial Lecture**

# Nonlinear Nanodynamics

**Building better Oscillators using  
Nonlinear Dynamics and Pattern Formation**

**Prof. Dr. Michael C. Cross**

Department of Physics  
California Institute of Technology  
Pasadena, USA

**Public Lecture**

October 11, 5:30 pm  
NW II, Lecture Hall H18  
University of Bayreuth

further information  
<http://nonlinear.uni-bayreuth.de>

**FOR Nonlinear Dynamics 11**

16th Fall seminar on Nonlinear Dynamics | University of Bayreuth | October 9-12, 2011