

Physical Colloquium and Reception

on the occasion of Ute Kaiser's birthday

Ulm University
Department of Physics

14 October 2013

organized on behalf of the department
by Harald Rose

Physical Colloquium

Building O25, Lecture Hall H2, 4:15pm

Greetings:

Barry Carter, President of the International Society of Electron Microscopy

Laudatio:

*Josef Zweck, President of the German Society of Electron Microscopy,
(University Regensburg): From conventional to non-conventional microscopy*

Lecture:

*Jannik C. Meyer (University Vienna, Austria):
"Exploring low-dimensional materials by high-resolution microscopy"*

Birthday Serenade with Romantic Piano Music:

*Valeri Petasch, Ulm University
Building O25, Lecture Hall H4/5, 5:45pm*

Reception and Dinner

sponsored by CEOS, FEI, ZEISS

Building N27, vestibule, 6:30pm

After-Dinner Talk

Colin Humphreys, Cambridge University

Surprises

SALVE I-II

Sub-Angstrom Low-Voltage Electron Microscopy

Colloquium

Ulm University
Building N27, Lecture Hall (Multimedia Room)
15 October 2013
9-12am

Welcome

Ute Kaiser, Ulm University

SALVE-lectures (all Ulm University):

9:15-9:30 *Johannes Biskupek: Instrumentation and Imaging*

9:30-9:45 *Ralf Hambach: Inelastic scattering: Theory and Experiment*

9:45-10:00 *Ute Golla-Schindler: In situ observation of electron beam-induced phase transformation of calcite as function of the accelerating voltage*

10:00-10:15 *Ossi Lehtinen: Graphene and other 2D materials in the TEM*

10:15-10:45 Coffee Break
sponsored by CEOS, FEI, ZEISS

Discussion:

Need and Challenges of Low Voltage TEM (all)

10:45-12:00

Farewell

Harald Rose, Ulm University