



Celebrating Four Decades of Electron Optics

A Symposium in Honor of Harald Rose's 70th Birthday

LBNL, Berkeley CA, February 14, 2005

Location: Building 66, Room 316

9:00 am – 9:15am

Welcome, U. Dahmen, NCEM

9:15 am – 9:50 am

Contributions of Harald Rose to electron optics over the last four decades

M. Haider, CEOS GmbH, Germany

9:50 am – 10:25 am

Ångstrom resolution and single atom detection with Cs-corrected X-ray analysis in the AEM?

D. B. Williams and M. Watanabe, Lehigh University, USA

10:25 am – 11:00 am

From first-order to fifth-order aberration correction

O. Krivanek, Nion Co., USA

11:00 am – 11:35 am

The road from surface plasmons to sub-Ångstrom imaging

P. E. Batson, IBM, USA

11:35 am – 12:15 pm

Break & Refreshments

12:15 pm – 12:50 pm

Aberration corrected imaging at the ORNL "ACEM"

L. Allard, D. Blom, ORNL, USA

12:50 pm – 1:25 pm

EFTEM and aberration correction

B. Kabius, ANL, USA

1:25 pm – 2:00 pm

The design and simulation of PEEM3 at the ALS

W. Wan, LBNL, USA

2:00 pm – 2:35 pm

Progress opens new questions - examples from electron holography

H. Lichte, Dresden University, Germany

2:35 pm – 2:50 pm

Closing remarks, H. Rose

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