

ZERNIKE INSTITUTE COLLOQUIUM

Thursday, May 7, 2009

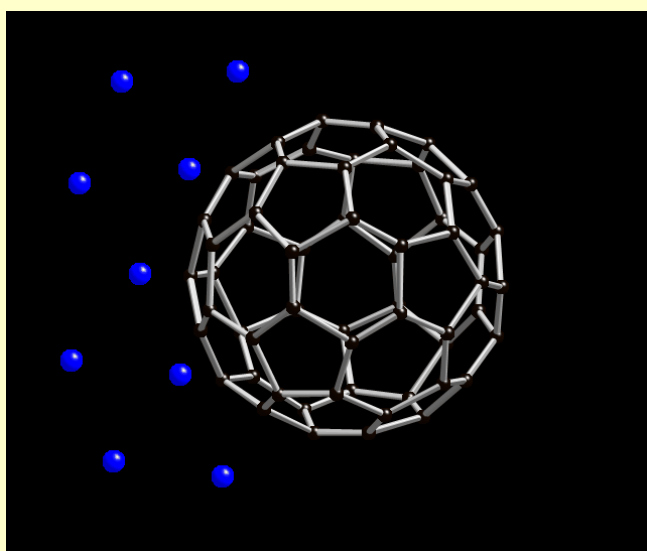
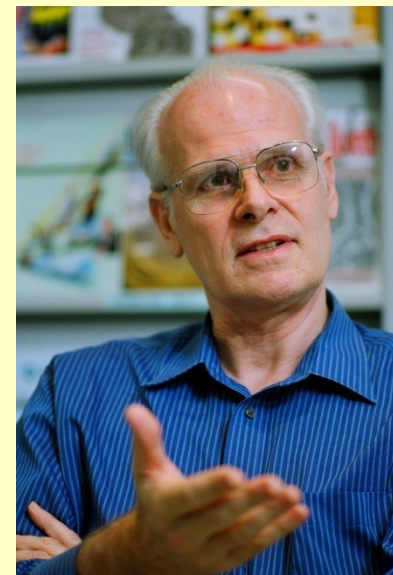
16:00h, Lecture Hall: 5111.0080

Coffee and cakes from 15:30h

Detailed nanostructure from analysis of STM and LEED experiments

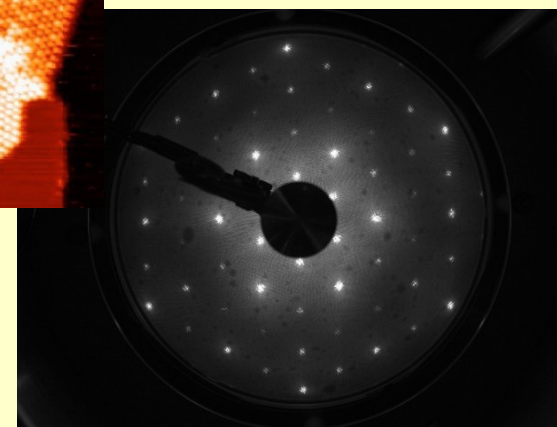
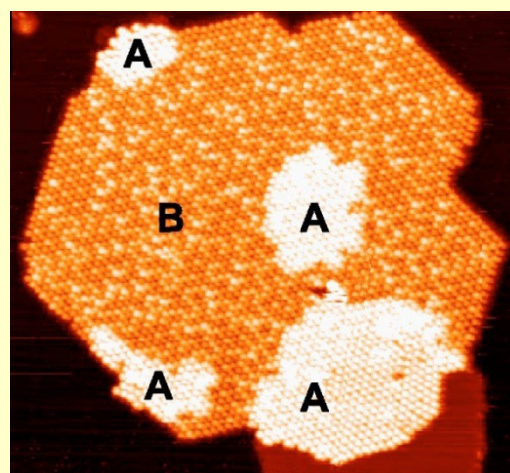
M.A. Van Hove

**Department of Physics and Materials Science
City University of Hong Kong**



This presentation will sketch past progress and explore future directions in the atomic-scale structure determination of surfaces, interfaces and nanostructures.

Highlighted will be Scanning Tunneling Microscopy (STM) and Low-Energy Electron Diffraction (LEED). Both of these techniques are capable of detailed atomic-scale structure determination of nanostructures, by comparison between experiment and theoretical simulation. Their application will be illustrated for buckyballs adsorbed on Cu(111).



university of
groningen

Zernike Institute
for Advanced Materials