

# CURRICULUM VITAE

## OLE KROGH ANDERSEN, DIRECTOR

- 1942 Born in Copenhagen  
1966 Masters Degree in Electronic Engineering, Technical University of Denmark,  
Department of Electrophysics (Prof.s W. Frank and A. Nielsen)  
1969 Technical Licentiate in Solid State Physics; Technical University of Denmark,  
Department of Electrophysics (Prof. A.R. Mackintosh)  
1969-70 Research Associate; University of Pennsylvania,  
Physics Department (Prof. J.R. Schrieffer)  
1970-72 Universitetsadjunkt (Assistant Professor); University of Copenhagen,  
Ørsted Laboratory, Department of Solid State Physics  
1972-78 Lektor (Associate Professor); Technical University of Denmark,  
Department of Electrophysics  
1978- Director at the Max-Planck-Institut für Festkörperforschung in Stuttgart  
Managing Director 1983-1985, 1997-1999

## HONORS AND MEMBERSHIPS

- 1978 Brinch Prize; Danish Physical Society  
1980 Hewlett-Packard Europhysics Prize; European Physical Society  
1978- Scientific Member of the Max-Planck-Society  
1982- Honorary Professor; University of Stuttgart, Physics Faculty  
1982- Foreign Member of the Royal Danish Academy of Sciences  
1992- Foreign Member of the Ukrainian Academy of Sciences  
1993- Fellow of the American Physical Society  
2002 Ernst Mach Medal of the Czech Academy of Sciences  
2008 Honorary Doctorate, University of Uppsala  
2008 M. N..Saha Memorial Lecture,  
Indian Association for the Cultivation of Science, Calcutta  
2010 Honorary Member of the Materials Research Society of India

## Ph.D. STUDENTS AT THE UNIVERSITY OF STUTTGART

- |      |                     |   |
|------|---------------------|---|
| 1986 | Franz Beeler        | Calculation of deep impurity states in silicon                  |
| 1989 | Peter Blöchl        | Total energies, forces, and metal-semiconductor junctions       |
| 1989 | Richard Dronskowski | Electronic structure calculations for $M_6X_8$ -clusters        |
| 1993 | Uwe Schönberger     | Atomic and electronic structure of metal-metaloxide interfaces  |
| 1993 | Andreas Emil Kumm   | Potential parameters for the periodic system and their use      |
| 1995 | Erik Koch           | Supershells in metallic clusters                                |
| 1996 | Harald König        | Absorption of polarized x-rays as a local probe in solids       |
| 1999 | Valeria Meregalli   | Electron-phonon coupling and properties of doped $BaBiO_3$      |
| 2005 | Oliver Rösch        | Electron-phonon interaction in strongly correlated materials    |
| 2006 | Eva Zurek           | Density-functional theory (DFT) studies of solids and molecules |
| 2008 | Jens Kunstmann      | DF calculations for nanotubes                                   |

## HABILITATIONS

|      |             |   |
|------|-------------|---|
| 2003 | Jens Kortus | Electronic structure, magnetic ordering, and phonons in molecules and solids<br>Technical University, Bergakademie Freiberg |
| 2004 | Erik Koch   | The doped Fullerenes: A family of strongly correlated systems<br>University of Stuttgart                                    |

## MEMBERSHIPS OF COMMITTEES

|         |  |
|---------|--|
| 1990-91 | Minister of Education's Steering committee for reviewing physics in Denmark  |
| 1993-98 | Hewlett-Packard Europhysics Prize Committee, Chairman 1995-98  |
| 1993-96 | HCM Network Management Board, Vice-chair   |
| 1993-98 | Scientific supervisory committee for the Niels Bohr Institute for<br>Astrophysics, Physics, and Geophysics, Copenhagen   |
| 1995-01 | Board of the condensed matter division of the EPS; Vice-chair 1998-2001  |
| 1995    | Co-chair of the 7th Int Workshop on Comp CM Physics, Trieste, 11-15/1  |
| 1996    | Chairman of the 1st $\Psi_{\mathbf{k}}$ -Conference, Schwäbisch Gmünd, 17-21/9   |
| 1996-   | Scientific evaluation committee in condensed matter, ICTP, Trieste   |
| 1996-   | Scientific supervisory committee, SISSA, Trieste   |
| 1999-03 | Evaluation Panels for the Swedish Natural Science Research Council   |
| 2000    | Advisory board for the National Research Institute for Metals, Tsukuba   |
| 2002    | Scientific panel for selection of research centers, INFN, Genova   |
| 2002    | Organisation with G. Kotliar, A. Georges, and A. Lichtenstein of the program<br>"Realistic Theories of Correlated Electron Materials" 29/7-20/12<br>Institute for Theoretical Physics, Univ of California in Santa Barbara |
| 2006    | Scientific panel for selection of Centers of Excellence, Lundbeck Foundation<br>Various Appointment Committees<br>Various Conference Advisory Committees<br>Organization of various Symposia                               |

Andersens 240 scientific papers have been cited 22 000 times and his Hirsch index is 62.

