

AT-A-GLANCE

J. ALONSO	R. NIEMINEN
P. APELL	H. PETEK
A. BARÓ	W. PLUMMER
R. BARRERA	V. POPOV
P. BAUER	D. RICHTER
W. BERTHOLD	R. H. RITCHIE
L. BLANCO	H. ROHRER
J.M. BLETRY	A. SALIN
A. CASTRO	W. SCHATTKE
M. A. CAZALILLA	O. TETSUYUKI
A. CORREIA	E. TOSATTI
J. DOBSON	M. A. VAN HOVE
A. EGUILUZ	H. WINTER
P. FEIBELMAN	N. YAMAMOTO
L. FETTERS	E. ZAREMBA
C. FIO LH AIS	P. A. ZEIJLMANS
M. S. GRAVIELLE	R. ZORN
L. HENRARD	
F. HIMPSEL	
A. HOWIE	
J.E. INGLESFIELD	
E. KRASOVSKII	
J. I. LATORRE	
A. LIEBSCH	
S.G. LOUIE	
A. LUCAS	
N.H. MARCH	
A. MARINI	
D. MENZEL	
R. MONIOT	
A. MORENO	

VISITING RESEARCHERS

DIPC UNDERSTANDS
THE IMPORTANCE OF
CONSTANT EXCHANGE OF
KNOWLEDGE BETWEEN
RESEARCHERS

There are considerable number of researchers at DIPC that are temporary visitors, in the understanding that modern science entails the constant exchange of knowledge and experience to the benefit of all involved. Thus new research collaborations are not only attained between staff and visiting researchers, but also between visiting researchers through the Foundation. ■

PROF. J. ALONSO

COMING FROM Universidad de Valladolid (Spain)
DATE 06/03 through 06/10/2001
AREA OF RESEARCH **Electronic structure of atomic clusters.**

PROF. P. APELL

COMING FROM Institute of Theoretical Physics, Chalmers University of Technology.
Goteborg (Sweden)
DATE 07/24 through 07/31/2000
AREA OF RESEARCH **Interaction of charges and radiation with surfaces.
Study of the processes of oxidation in aluminium surfaces.**

PROF. A. BARÓ

COMING FROM Universidad Autónoma de Madrid (Spain)
DATE 1/18/2001
AREA OF RESEARCH **First principles LAPW calculations of quasiparticle excitations on
metal surfaces.**

PROF. R. BARRERA

COMING FROM Universidad Autónoma de México (Mexico)
DATE 07/01 through 07/04/2001
AREA OF RESEARCH **Does an effective index of refraction in granular matter always exist?**

PROF. P. BAUER

COMING FROM Johannes Kepler Universität, Linz (Austria)
DATE 07/01 through 07/31/2001
AREA OF RESEARCH **Electronic excitations in the interaction of charges with surfaces.**

DR. W. BERTHOLD

COMING FROM Philipps Universität, Marburg (Germany)
DATE 06/02 through 06/13/2001
AREA OF RESEARCH **Electron dynamics at metal surfaces.**

DR. L. BLANCO

COMING FROM Universidad de Salamanca (Spain)
DATE 12/03 through 12/05/2001
AREA OF RESEARCH **Electron-induced light emission in photonic crystals.**

PROF. J. M. BLETRY

COMING FROM (INST), CEA. Grenoble (France)
DATE 06/25 through 06/27/2000 and 11/24 through 11/27/2001
AREA OF RESEARCH **The glass transition in tetrahedric compounds.**

A. CASTRO

COMING FROM Universidad de Valladolid (Spain)
DATE 07/01 through 07/16/2001
AREA OF RESEARCH **TDDFT in clusters.**

DR. M. A. CAZALILLA

COMING FROM Brown University, Rhode Island (USA)
DATE 08/02 through 08/22/2001
AREA OF RESEARCH Study of the behavior of Luttinger liquids out of equilibrium.

DR. A. CORREIA

COMING FROM CMP Cientifica S.L., Madrid (Spain)
DATE 05/24 through 05/26/2001
AREA OF RESEARCH Nanotechnology.

PROF. J. DOBSON

COMING FROM Griffin University (Australia)
DATE 03/28 through 04/06/2001
AREA OF RESEARCH Van der Waals interactions.

PROF. A. EGUILUZ

COMING FROM Department of Physics and Astronomy, University of Tennessee (USA)
DATES 10/03 through 10/12/2000 and 7/07 through 07/17/2001
AREAS OF RESEARCH Dynamical Density Response in Zn and Ag: Threshold Effects Due to Flat Bands.
Many-Body Excitations in Real Metals.

PROF. P. FEIBELMAN

COMING FROM Sandia National Laboratoires. Albuquerque, New Mexico (USA)
DATE 09/03 through 09/08/2001
AREA OF RESEARCH Ab initio calculations of surface structure.

PROF. L. FETTERS

COMING FROM Jülich IFF (Germany)
DATE 07/01 through 07/04/2001
AREA OF RESEARCH The Packing Length. A Basis for Melt State Rheological Parameters.

PROF. C. FIALHAIS

COMING FROM Universidade de Coimbra (Portugal)
DATE 07/18 through 07/26/2001
AREA OF RESEARCH Computational Physics of Condensed Matter and Use of Computers for Teaching Sciences.

DR. M.S. GRAVIELLE

COMING FROM School of Exact and Natural Sciences. University of Buenos Aires (Argentina)
DATE 07/22 through 07/25/2001
AREA OF RESEARCH Energy and electron spectra after ion-surface collisions.

DR. L. HENRARD

COMING FROM Laboratoire de Physique du Solide, Namur (Belgium)
DATE 05/02 through 06/02/2001
AREA OF RESEARCH Raman in nanotubes.

PROF. F. HIMPSEL

COMING FROM Department of Physics, University of Wisconsin-Madison (USA)
DATE 06/28 through 07/15/2000
AREA OF RESEARCH **Surface states.**

PROF. A. HOWIE

COMING FROM Metal Physics Group, Cavendish Laboratory, Cambridge (England)
DATES 09/04 through 09/18/2000 and 09/01 through 09/22/2001
AREA OF RESEARCH **Energy loss in STEM electrons.**

PROF. J. E. INGLESFIELD

COMING FROM Department of Physics and Astronomy, University of Wales, Cardiff
DATE 05/09 through 05/13/2000
AREA OF RESEARCH **Friedel oscillations around subsurface impurities on GaAs(110).**

DR. E. KRASOVSKII

COMING FROM Universität Kiel (Germany)
DATE 12/20 through 12/24/2001
AREA OF RESEARCH **First principles LAPW calculations of quasiparticle excitations on metal surfaces.**

PROF. J. I. LATORRE

COMING FROM Universitat de Barcelona (Spain)
DATE 06/17 through 06/20/2001
AREA OF RESEARCH **Quantum computation.**

PROF. A. LIEBSCH

COMING FROM Institute of Solid State Research, Jülich (Germany)
DATE 07/07 through 07/27/2001
AREA OF RESEARCH **Many-body calculations of electronic band structure.**

PROF. S.G. LOUIE

COMING FROM University of California, Berkeley (USA)
DATE 07/26 through 08/04/2001
AREA OF RESEARCH **Excitations in extended and low dimensional systems.**

PROF. A. LUCAS

COMING FROM Fundp Namur (Belgium)
DATE 05/05 through 05/11/2000
AREA OF RESEARCH **From what is Light to what is Life: an account of how X-rays cracked the structure of DNA.**

PROF. N.H. MARCH

COMING FROM Universiteit Antwerpen (Belgium)
DATE 05/24 through 06/07/2001
AREA OF RESEARCH **Basic formulation of DFT.**

DR. A. MARINI

COMING FROM Università di Roma (Italy)
DATE 06/05 through 06/11/2001
AREA OF RESEARCH **Lifetimes in metals.**

PROF. D. MENZEL

COMING FROM Physik Department. Technische Universität München (Germany)
DATE 05/21 through 05/27/2001 and 09/03 through 09/29/2001
AREA OF RESEARCH **Femtosecond dynamics of adsorbate charge-transfer processes as probed by high-resolution core-level spectroscopy.**

PROF. R. MONIOT

COMING FROM Fordham University. New York (USA)
DATE 07/02/2000
AREA OF RESEARCH **Ethical Issues of the Desktop Metaphor.**

DR. A. MORENO

COMING FROM Universidad del País Vasco / Euskal Herriko Unibertsitatea (Spain)
DATE 10/01 through 10/31/2001
AREA OF RESEARCH **Dynamics of methic groups in polymic systems.**

PROF. R. NIEMINEN

COMING FROM Helsinki University of Technology (Finland)
DATE 09/10 through 09/17/2001
AREA OF RESEARCH **Electronic excitations in the interaction of charges with matter.**

PROF. H. PETEK

COMING FROM Advanced Research Laboratory, Hitachi Ltd (Japan) and
University of Pittsburgh, Pennsylvania (USA)
DATES 09/02 through 09/07/2000 and 07/05 through 07/12/2001
AREAS OF RESEARCH **Ultrafast two-phonon photoemission studies of the alkali atom dynamics on noble metal surfaces.
Nanotechnology. Dynamics of electrons in surfaces.**

PROF. W. PLUMMER

COMING FROM University of Tennessee, Oakridge (USA)
DATE 09/04 through 09/05/2000
AREA OF RESEARCH **The dynamical role of defects in 2D phase transitions: from charge density waves to defect density waves.**

PROF. V. POPOV

COMING FROM Altai State Technical University, Barnaul (Russia)
DATE 01/01 through 01/31/2001
AREA OF RESEARCH **Dynamics of electrons in magnetic materials.**

PROF. D. RICHTER

COMING FROM Institut für Festkörperforschung, Forschungszentrum Jülich GmbH.
Jülich (Germany)
DATES 06/25 through 07/10/2000 and 07/01 through 07/16/2001
AREA OF RESEARCH **Polymer dynamics.**

PROF. R. H. RITCHIE

COMING FROM Health and Safety Research Division, Oak Ridge National Laboratory, Tennessee (USA)
DATES 04/01 through 05/22/2000, 10/08 through 11/09/2000 and
04/25 through 05/24/2001
AREA OF RESEARCH **Interactions of ions and electrons with surfaces.**

PROF. H. ROHRER *Nobel Prize in Physics, 1984*

COMING FROM IBM Laboratory, Zurich (Switzerland)
DATE 04/26 through 04/28/2000
DIPC Foundation Opening Conference "Small is beautiful and powerful"

PROF. A. SALIN

COMING FROM LPCM, Université de Bordeaux (France)
DATE 10/01 through 10/31/2001
AREA OF RESEARCH **Interaction of charges with solids and surfaces.**

PROF. W. SCHATTKE

COMING FROM Institut für Theoretische Physik und Astrophysik, Universität Kiel (Germany)
DATES 04/27 through 05/05/2001 and 09/13 through 10/13/2001
AREA OF RESEARCH **Theory of valence photoemission.**

DR. O. TETSUYUKI

COMING FROM Universidad Autónoma de Madrid (Spain)
DATE 12/08 through 12/13/2001
AREA OF RESEARCH **Photonic crystals.**

PROF. E. TOSATTI

COMING FROM SISSA/ITCP, Trieste (Italy)
DATE 07/31 through 08/20/2001
AREA OF RESEARCH **Many-body calculations in surfaces.**

PROF. M. A. VAN HOVE

COMING FROM Lawrence Berkeley National Laboratory, California (USA)
DATE 05/01 through 05/05/2001
AREA OF RESEARCH **Theory of photoemission from the valence band of solids.**

PROF. H. WINTER

COMING FROM Humboldt Universität, Institut für Physik, Berlin (Germany)
DATE 08/06 through 08/12/2001
AREA OF RESEARCH **Stopping power of ions in insulator surfaces.**

PROF. N. YAMAMOTO

COMING FROM Tokyo Institute of Technology (Japan)

DATE 11/16 through 11/20/2000

AREA OF RESEARCH **Photon emission from silver particles induced by high energy electrons.**

PROF. E. ZAREMBA

COMING FROM Department of Physics, Stirling Hall. Queens University. Ontario (Canada)

DATE 07/01 through 07/31/2000

AREA OF RESEARCH **Dynamic Response of a 2-D Electron Gas.**

DR. P. A. ZEIJLMANS

COMING FROM Utrecht University (Netherlands)

DATE 09/19 through 10/01/2001

AREA OF RESEARCH **Ionic spectroscopies at surfaces.**

DR. R. ZORN

COMING FROM Institut für Festkörperforschung, Forschungszentrum Jülich GmbH.
Jülich (Germany)

DATE 07/14 through 08/04/2000

AREA OF RESEARCH **Polymer dynamics.**