

POSTER SESSION I - Sunday, July 22nd, 2007
Oral 5' minute presentations starting from 17.20

- R. Azria, Université Paris-Sud and CNRS, (France)
HREELS study of hydrogenation, low-energy ion irradiation and annealing on hydrogen bonding to polycrystalline diamond surface Su-P1
- Thomas M. Orlando Georgia Institute of Technology, Atlanta, Georgia (USA)
Spatially controlled desorption using diffraction in low-energy electron-stimulated Desorption Su-P2
- Z. Pászti, Institute of Surface Chemistry and Catalysis, Budapest (Hungary)
Adsorption of amino acids on hydrophilic surfaces Su-P3
- André Peremans, University of Namur, (Belgium)
Orientalional analysis of admolecules using ab initio calculations of the SFG signature Su-P4
- C.M. Pradier, Université Pierre et Marie Curie, Paris (France)
FT-SPR, PM-RAIRS and QCM analyses of antibody immobilisation and antigen detection on gold; how to get the best sensitivity and dynamic range? Su-P5
- H. Sano, Japan Advanced Institute of Science and Technology (Japan)
Optical Sum Frequency Generation Study of Water Structure at the Quartz/Water Interface with Polymer Adsorption Su-P6
- L. Savio IMEN-CNR and CNISM, Dipartimento di Fisica Genova, (Italy)
Carbonate formation and subsurface oxygen segregation at Ag(210) Su-P7
- O. Skibbe, Heidelberg University, Kirchhoff Institute of Physics, (Germany)
The effect of Cu adatoms on the vibrational spectra of C₂H₄ on Cu(111) Su-P8
- F. S. Tautz, Jacobs University Bremen, (Germany)
Stable and metastable phases of π -conjugated organic adsorbates on metals: PTCDA and Tc on Ag(111) Su-P9
- F.S. Tautz, Jacobs University Bremen, (Germany)
Inelastic electron tunnelling spectroscopy of the ordered PTCDA/Ag(111) interface Su-P10
- G. Darling, The University of Liverpool (United Kingdom)
The water monolayer, multilayers and the wetting of Ru(0001) Su-P11

POSTER SESSION II - Tuesday, July 24th, 2007
Oral 5' minute presentation starting at 17.20

D. Barredo, Universidad Autónoma de Madrid (Spain)

Energy dependence of Diffraction and Rotationally Inelastic Scattering of D_2 from NiAl(110)

Tu-P1

I.B. Berkutov, Institute for Low Temperature Physics and Engineering of NAS of Ukraine (Ukraine)

New Method of Investigation of the Quantum Channel Surface

Tu-P2

I.B. Berkutov, Institute for Low Temperature Physics and Engineering of NAS of Ukraine (Ukraine)

Overheating Effect and Heat Transport through the SiGe/Ge Heteroborder

Tu-P3

O. Kotlyar, B.Verkin Institute for Low Temperature Physics and Engineering of the National Academy of Sciences of Ukraine (Ukraine)

Local Vibrations of Impurities Situated on the Surfaces of Microcontacts

Tu-P4

V. A. Lykah, National Technical University "Kharkov Polytechnic Institute" (Ukraine)

Nonlinear Rotational Waves in Molecular Chain

Tu-P5

H. Nakamura, Department of Chemical System Engineering, University of Tokyo (Japan)

Ab initio calculations of inelastic transport in atomic/molecular junctions and waveguide effects

Tu-P6

A. Nojima, Department of Chemical System Engineering, University of Tokyo (Japan)

General aspects of electron-phonon coupling at surfaces

Tu-P7

O.V. Proshina, Ioffe Physical Technical Institute, Saint Petersburg (Russia)

The role of interface phonons in optical spectra of quantum dots

Tu-P8

Yu. Sklyadneva, Donostia International Physics Center, San Sebastian (Spain)

Electron-phonon contribution to the lifetime of excited electrons on Al(001)

Tu-P9

O.S. Sokolova, B. Verkin Institute for Low Temperature Physics and Engineering of National Academy of Sciences of Ukraine (Ukraine)

Rayleigh envelope solitons near the surface of elastic linear half-space

covered with nonlinear film

Tu-P10

A. Trzaskowska, Institute of Physics, Adam Mickiewicz University, Poznan (Poland)

Surface phonons and soft bulk modes in LiCsSO_4 crystals studied by the high resolution Brillouin Scattering

Tu-P11

D. J. Ward, Cavendish Laboratory, University of Cambridge (United Kingdom)

Surface dynamics in the low friction regime: Xe on Pt(111) using ^3He Spin Echo Spectroscopy

Tu-P12

Yu. A. Kosevich (Semenov Inst., Russian Academy of Sciences, Moscow, Russia)

*Energy Transfer in Coupled Nonlinear Vibration Waveguides:
Transition from Wandering Breathers to Nonlinear Self-Trapping*

Tu-P13

The posters are exposed in the Olof Palme room (coffee-break area), upstairs in San Domenico

