

16th International Workshop on Inelastic Ion-Surface Collisions (IISC-16)

Sep. 17 - 22, 2006 Schloss Hernstein, A-2560 Hernstein, Austria

organized by TU Wien
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Preliminary List of Invited Speakers for IISC-16

Status 03. 05 .2006

Invited plenary talks



Pedro M. Echenique San Sebastian/Donostia, Spain

Dynamic screening and electron dynamics in the bulk and at surfaces (confirmed)



Joachim Roth MPI-IPP Garching, Germany

Plasma-wall-interaction: Important ioninduced surface processes and strategy of the EU Task Force (confirmed)



Alec M. Wodtke UCSB Santa Barbara, USA

Electronic Excitations induced by molecule-surface interactions (confirmed)



Yasunori Yamazaki Highly char RIKEN & Univ. of Tokyo, Japan (confirmed)

Highly charged ion - surface interaction (confirmed)

Invited progress reports



Wim Arnold-Bik

Nano-scale effects of swift heavy ion Utrecht Univ., The Netherlands irradiation of SiO_x layers and multilayers (confirmed)



Emmerich Bertagnolli TU Wien, Austria

Nanopattern formation by focused ion beams (confirmed)



Anatoly M. Borisov Moscow State University, Moscow, Russia

Ion beam-induced electron emission from carbon-based materials (confirmed)



Purushottam Chakraborty Saha Institute of Nuclear Physics, Kolkata, India

Secondary ion mass spectrometry of MCs_n⁺ molecular ion complexes (confirmed)



F. Barry Dunning Rice University, TX, USA

Charge transfer of Xe-Rydberg atoms at a metal surface (confirmed)



Jean-Pierre Gauyacq LCAM. Universite Paris-Sud XI. France

Ionisation of Rydberg atoms colliding on metal surfaces (confirmed)



Maria Silvia Gravielle IAFE, Buenos Aires, Argentina

Grazing collisions with insulator surfaces (confirmed)



Erich Griesmayer MedAustron, Austria

The MedAustron Project (confirmed)



Oscar Grizzi CAB Bariloche, Argentinia

Direct recoil spectroscopy of alkanethiol covered surfaces (confirmed)



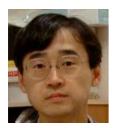
Bernd Huber CEA Caen, France

lon interactions with isolated nanosurfaces (confirmed)



Zeke Insepov ANL, Argonne, IL, USA

Surface erosion and modification by ions studied by computer simulation (confirmed)



Kenji Kimura Kyoto Univ., Japan

Interactions of C_{60}^{\dagger} ions with with a KCI(001) surface under grazing incidence (confirmed)



Takanori Koshikawa Osaka, Japan

Surface and Interface Structure Analysis by using high resolution ion scattering and LEEM/PEEM (confirmed)



Tilmann Märk Univ. Innsbruck, Austria

Reactive ion-surface collisions (confirmed)



Fred W. MeyerOak Ridge NL, TN, USA

Chemical sputtering of graphite by low energy deuterium projectiles (confirmed)



Thomas Michely
RWTH Aachen, Germany

Nanostructures by grazing incidence ions: Ripple patterns and sub-surface channeling (confirmed)



Gregor Schiwietz HMI Berlin, Germany

Auger-electron emission in heavy ion surface collisions (confirmed)



Patrik Skog Stockholm University, Sweden

Guiding of highly-charged ions through insulating nano-capillaries (confirmed)



Mashahide Tona University of Electrocommunications, Tokyo Japan

Potential sputtering from a Si surface by very highly charged ion impact (confirmed)



Mirko Unipan KVI Groningen, The Netherlands

Local spin polarization at surfaces probed by hollow atoms (confirmed)



Dominique Vernhet Laser - cluster interaction (preliminary)
Institut des NanoSciences de (confirmed)
Paris, France



Stephan Wethekam
Humboldt U. Berlin, Germany
surfaces
(confirmed)



Andreas Wucher
U. Duisburg-Essen, Germany
(confirmed)

Kinetic excitation in solids: Experiment and computer simulation

Guoqing Xiao Institut of Modern Physics, Chin. Academy of Sciences, Lanzhou, P.R.China X-ray and visible light emission from hollow atoms (confirmed)

Special session Tuesday, 19th Sept. 2006, 8:00 pm

Special guests:



Helmut Winter (confirmed) Humboldt Universität Berlin, Germany



Reinhard Morgenstern (confirmed) KVI Groningen, The Netherlands



Pedro M. Echenique San Sebastian/Donostia, Spain

(confirmed)