



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

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

organized by TU Wien
Friedrich Aumayr (chairman)
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List of Invited Speakers for IISC-16

Invited plenary talks



Pedro M. Echenique
San Sebastian/Donostia,
Spain

**Dynamic screening, energy loss and
electron dynamics in bulk and at
surfaces**
(confirmed)



Joachim Roth
MPI-IPP Garching, Germany

**Plasma-wall-interaction: Important ion-
induced 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
RIKEN & Univ. of Tokyo, Japan

Highly charged ion - surface interaction
(confirmed)

Invited progress reports



Wim Arnold-Bik
Utrecht Univ., The Netherlands

Nano-scale effects of swift heavy ion irradiation of SiO_x layers and multilayers
(confirmed)



Emmerich Bertagnoli
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, Argentina

Direct recoil spectroscopy of alkanethiol covered surfaces
(confirmed)



Bernd Huber
CEA Caen, France

Ion 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}^+ ions with with a KCl(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. Meyer
Oak 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, athermal coarsening and subsurface 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 Electro-communications, 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
Institut des NanoSciences de
Paris, France

Laser - cluster interaction (preliminary)
(confirmed)



Stephan Wethekam
Humboldt U. Berlin, Germany

Auger neutralization of He ions at surfaces
(confirmed)



Andreas Wucher
U. Duisburg-Essen, Germany

Kinetic excitation in solids: Experiment and computer simulation
(confirmed)



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
Humboldt Universität Berlin,
Germany

(confirmed)



Reinhard Morgenstern
KVI Groningen,
The Netherlands

(confirmed)



Pedro M. Echenique
San Sebastian/Donostia,
Spain

(confirmed)