



ECOSS36

EUROPEAN CONFERENCE ON *SURFACE SCIENCE*

**28.08.2023 – 01.09.2023
ŁÓDŹ, POLAND**

CONFERENCE GUIDE BOOK (VERSION 25/08)



FACULTY OF PHYSICS
AND APPLIED INFORMATICS
University of Łódź



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WELCOMING WORDS

On behalf of the organization and scientific committees, we cordially welcome you on the **36th European Conference on Surface Science** (ECOSS-36) organized in Lodz, Poland. ECOSS is a well-established annual meeting directed jointly by the Surface Science Division of the International Union for Vacuum Science, Technique and Applications (IUVSTA) and the Surface and Interface Section of the European Physical Society (EPS). The conference provides an excellent opportunity for scientists from Europe and the rest of the world to meet and discuss the latest advances in the physics and chemistry of surfaces. Furthermore, it is a forum to discuss the progress of surface science in related innovation fields such as heterogeneous catalysis, organic molecular nano-architectures, two-dimensional materials and graphene, nanoelectronics, bio-nanoscience and functional and energy materials studied both using theoretical and experimental methods. We are particularly excited to have you here in Lodz, a city of rich multicultural and industrial heritage in the heart of Poland. Enjoy the conference and the city of Lodz!



PAWEŁ KOWALCZYK
ECOSS-36 CHAIR



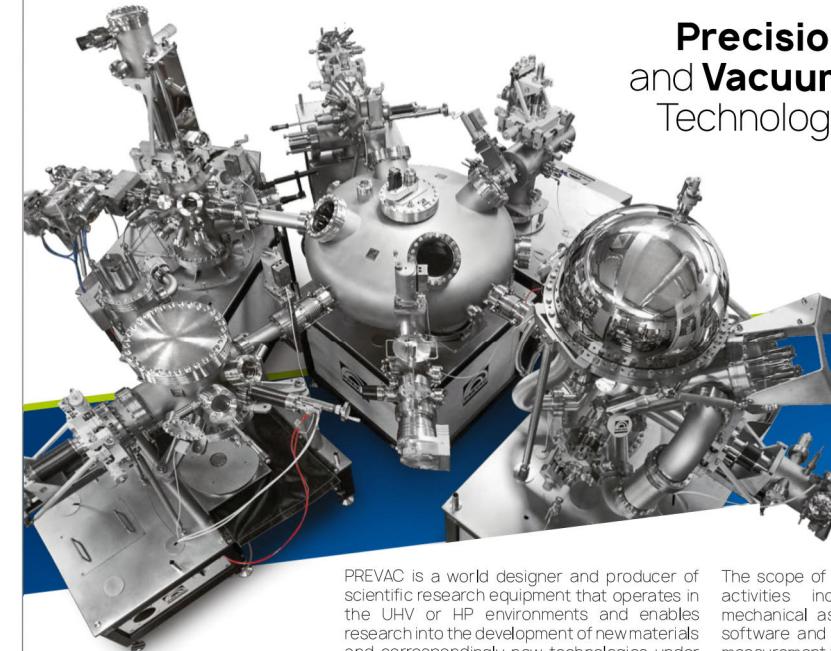
Maciej Rogala
Paweł Dąbrowski
Paweł Krukowski
Deputy Chair

ORGANIZING INSTITUTIONS

University of Lodz (UŁ)
Department of Solid State Physics (KFCS)
Faculty of Physics and Applied Informatics, University of Lodz
National Photovoltaic Laboratory (NLF)
European Magnetic Field Laboratory Poland (EMFL-Poland)
European Physics Society (EPS)
International Union for Vacuum Science, Technique and applications (IUVSTA)
Polish Vacuum Society (PTP)



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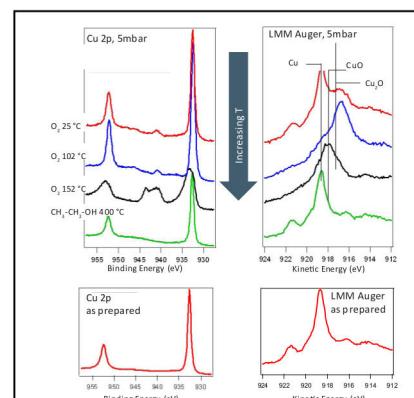
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Oxidation and reduction study of polycrystalline copper at 5 mbar and variable temperature. The experiment starts with the as-prepared state (bottom) which is characterized by the metallic signature of the Cu. Introducing 5 mbar of O₂ gas to the system, one observes the gradual oxidation of the Cu with increasing temperature up till 152 °C. Using ca. 5 mbar ethanol and heating to 400 °C the surface is reduced back to its original metallic state.

LOCAL ORGANIZING COMMITTEE

FACULTY OF PHYSICS AND APPLIED INFORMATICS, UNIVERSITY OF LODZ



Paweł Kowalczyk (Chair)
Paweł Dąbrowski (Deputy Chair)
Paweł Krukowski (Deputy Chair)
Maciej Rogala (Deputy Chair)
Justyna Czerwińska
Rafał Dunal
Dorota Kowalczyk
Witold Kozłowski
Maxime Le Ster
Iaroslav Lutsyk
Aleksandra Nadolska
Michał Piskorski
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Wojciech Ryś
Karol Szałowski
Klaudia Toczek

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EXTENDED EXHIBITOR



EC1 - CENTRUM NAUKI - SCIENCE CENTER

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Major of the City of Łódź, Hanna Zdanowska
Faculty of Physics and Applied Informatics of
University of Łódź



Grzegorz Schreiber
MARSHAL
OF THE LODZKIE REGION



Patronage of Rector
of University of Łódź



MAYOR OF THE CITY OF LODZ
HANNA ZDANOWSKA

MINI-SYMPOSIA PATRONAGE

Faculty of Physics, University of Warsaw



MEDIA PATRONAGE

Polish Public Television TVP3 Łódź



CULTURAL PATRONAGE

Arthur Rubinstein Philharmonic



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im. Artura
Rubinstajna



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 Tadeusz Balcerzak – University of Łódź, Poland
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 Jagoda Śląwińska – University of Groningen, Netherlands
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 Krzysztof Szot – U. of Silesia, Poland; aixACCT, Germany
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 Justin Wells – University of Oslo, Norway
 Ludger Wirtz (ECOSS-35 Chair) – U. of Luxembourg, LU
 Andrzej Wysmołek – University of Warsaw, Poland
 Ilona Zasada – University of Łódź, Poland
 Mariusz Zdrojek – Warsaw U. of Technology, Poland

INFORMATION ABOUT THE ECOSS SERIES

ECOSS is organized jointly by the Surface Science Division of IUVSTA (the International Union for Vacuum Science, Techniques and Applications) and the Surface and Interface Section of the European Physical Society (EPS). The conference does not run in years when the triennial IUVSTA Vacuum Congress is held in Europe.

1978 – AMSTERDAM	1993 – WARWICK	2008 – LIVERPOOL
1979 – CAMBRIDGE	1994 – LEIPZIG	2009 – PARMA
1980 – CANNES	1995 – LILLE	2010 – GRONINGEN
1981 – MÜNSTER	1996 – GENOVA	2011 – WROCŁAW
1982 – GENT	1997 – ENSCHEDE	2012 – EDINBURGH
1984 – YORK	1999 – VIENNA	2014 – İSTANBUL
1985 – Aix-en-Provence	2000 – MADRID	2015 – BARCELONA
1986 – JÜLICH	2001 – KRAKOW	2016 – GRENOBLE
1987 – LUZERN	2002 – Malmö	2017 – SZEGED
1988 – BOLOGNA	2003 – PRAGUE	2018 – AARHUS
1990 – SALAMANCA	2005 – BERLIN	2022 – LUXEMBOURG
1991 – STOCKHOLM	2006 – PARIS	2023 – ŁÓDŹ

CONFERENCE VENUE

VIENNA HOUSE BY WYNDHAM ANDEL'S ŁÓDŹ, OGRODOWA 17, 91-065 ŁÓDŹ

This year's ECOSS is hosted at Vienna House by Wyndham Andel's Łódź, one of Poland's most-celebrated hotels. Located in a former textile mill on the grounds of the Manufaktura complex, it is an easy walking distance from the bustling heart of Łódź's, Piotrkowska street. The main conference events (Opening, Plenary sessions, Gala dinner) will be held in the Grand Auditorium with a capacity of 600+ seats. The (up to) six parallel sessions and the PCAM school will be held in the same building in the ground floor, in the rooms R1-R6 with a capacity of 60-120 seats (see plan page 19). Poster sessions will be held in the



VIENNA HOUSE AND THE MANUFAKTURA GATE

GENERAL INFORMATION

OFFICIAL LANGUAGE

The official language of the conference in English.

WI-FI ACCESS

Wi-Fi is provided by the conference venue, ask the reception desk if you have trouble to log in.

CONFERENCE BADGES

All delegates, exhibitors and visitors must wear their name badges at all times to admit admittance to the areas of the congress site.

PUBLICATION

There will be no publication of proceedings. A PDF document containing all the abstracts of the conference is provided.

OPENING HOURS

REGISTRATION DESK

Sun 27 August	18:00 – 20:00
Mon 28 August	07:30 – 20:00
Tue 29 August	08:30 – 17:30
Wed 30 August	08:30 – 18:30
Thu 31 August	08:30 – 18:30
Fri 01 September	08:30 – 12:45

EXHIBITION

Tue 29 August	09:00 – 17:30
Wed 30 August	09:00 – 18:30
Thu 31 August	09:00 – 18:30

DISCLAIMER

The program is preliminary. The organizers reserve the right to alter the program if and as is deemed necessary. The ECOSS-36 organization have the right for any reason beyond their control to alter or to cancel, without prior notice, the Conference or any of the arrangements, time tables, plans or other items relating directly or indirectly to the Conference. The ECOSS-36 shall not be liable for any loss, damage, expenditure or inconvenience caused as a result of such alteration or cancellation. For up-to-date program and information, use the QR code on the back of your badge or go to <https://ecoss36.uni.lodz.pl/programme>

ORAL PRESENTATION GUIDELINES

Projection will be available in the session rooms which are equipped with a computer, a projector, a microphone and a pointer. All the hardware elements will be provided by the organizers to ensure consistency in technical quality and allow for quick and smooth transition between speakers. The presenters can upload their lectures in the halls where their lecture will be held. There will be technical assistance in every lecture room before and during the sessions. If the presentation contains very special characters or fonts, we recommend using your own laptop (HDMI is provided). If not embedded, the video files attached to the presentation must be located in the same folder as the presentation files.

PLenary Talk	45 MIN + 15 MIN Q/A
Invited Talk	35 MIN + 5 MIN Q/A
Contributed Talk	15 MIN + 5 MIN Q/A

People chairing the different sessions will be strict on timing and will ensure the fluidity of the sessions.

MINI-SYPOSIA

ECOSS-36 also features Mini-Symposia (MS) sessions, curated and organized by a specialist in a the scientific field. Some of the MS talks are labeled as "featured" at the discretion of their organizers.

INSTRUCTIONS FOR PRESENTATION

Supported presentation types are MS Office, Adobe PDF. The following storage devices are accepted: USB stick, external HD or stored from the internet. We strongly recommend to save the presentation on two different devices. All presentations and associated files will be deleted at the end of the congress.

PUBLIC TRANSPORT

ECOSS-36 will provide complimentary 3-day public transport tickets (tram+bus - MPK-Łódź network) to the participants. Every paper ticket should be immediately validated in the validating machine upon entering the tram or bus. Persons over 70 years old and children under 4 travel free of charge presenting a document with the date of birth.

Ask the registration desk for more information or if you need additional MPK tickets.

POSTER PRESENTATION GUIDELINES

GENERAL INFORMATION

The poster exhibitions will be held on the Poster Session room in the ground floor. Your poster board will be marked with the same marker as listed in the Abstract Book (for example – Mon-PP-22 or Wed-PP-31). Poster presenters must ensure that their poster is fixed to the corresponding numbered board on the relevant days according to the Scientific Programme. The posters must be removed following the session. Refreshments will be provided during both poster sessions.

POSTER FORMAT

Posters must be printed up to A0 size (Portrait orientation) before the day of the presentation. There are no printing facilities on site. Suitable gel tape will be provided.

POSTER SESSION 1

Monday 28 August, 18:30–20:00

POSTER SESSION 2

Wednesday 30 August, 18:30–20:00

PRIZES & GRANTS

ECOSS PRIZE

Our Gold Sponsor SPECS will sponsor this year's ECOSS prize, rewarding the best oral presentation.

EPS POSTER PRIZE

This year, the poster prize sponsored by EPS will be awarded to the PhD student preparing the best poster, rewarding both the quality and originality of the research as well as the presentation.



EPS INVITED SPEAKER GRANT

For this edition, EPS supported prof Yevgen Borshchagivsky from the Institute of Semiconductor Physics of NAS of Ukraine in Kyiv, covering travel and fees.



POLISH VACUUM SOCIETY POSTER PRIZE

This year the Polish Vacuum Society (PTP) will also sponsor a best poster prize award.



SCHOOLS

PCAM SCHOOL

The Physics and Chemistry of Material Sciences (PCAM) network will host a week-long school in parallel of the rest of the conference, on "Thin film materials - theory and applications". Find more information [here](#).



SURFACE SCIENCE TOOLBOX

The applied surface science division IUVSTA organized a School on Surface Science Techniques in Poznań, Poland (23 –26th August 2023) led and hosted by Mikołaj Lewandowski.



PIOTRKOWSKA STREET

PLENARY SPEAKERS

**PROF KLAUS VON KLITZING**

NOBEL PRIZE IN PHYSICS 1985

MAX PLANCK INSTITUTE FOR SOLID STATE RESEARCH, STUTTGART, GERMANY
"How Basic Research on Surfaces led to a Nobel Prize and a Revolution in Metrology"

Mon-09:00-PL

**PROF CHRISTIAN A. NIJHUIS**DEPARTMENT OF MOLECULES AND MATERIALS, UNIVERSITY OF TWENTE, NL
"Intelligent Molecular Switches that Mimic Synapses"

Tue-09:00-PL

**PROF BEATRIZ ROLDÁN CUENYA**DEPARTMENT OF INTERFACE SCIENCE, FRITZ-HABER-INSTITUTE, GERMANY
"Why is Operando Crucial for the Future of Surface Science?"

Wed-09:00-PL

**PROF CRISTIANA DI VALENTIN**

UNIVERSITÀ DI MILANO BICOCCA, ITALY

"Architecturing Graphene Interfaces and Functionalized Nanoparticles for Nanotechnology and Bionanoscience"

Thu-09:00-PL

**PROF YURY GOGOTSI**DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING,
DREXEL UNIVERSITY, PHILADELPHIA, USA

"2D MXenes - Control of Properties through Surface Chemistry and Atomic Design"

Fri-09:00-PL

**PROF MICHELLE SIMMONS**UNIVERSITY OF NEW SOUTH WALES & SILICON QUANTUM COMPUTING,
SYDNEY, AUSTRALIA

"Engineering qubits in silicon with atomic precision"

Fri-10:30-PL

**PROF JANUSZ SADOWSKI**INSTITUTE OF PHYSICS, POLISH ACADEMY OF SCIENCES, WARSAW, POLAND
"Transition metal dichalcogenides and topological semimetals grown by molecular beam epitaxy – challenges and opportunities"

Fri-11:30-PL

INVITED SPEAKERS

**DR ROSA ARRIGO**

UNIVERSITY OF SALFORD, UK

"Carbon dioxide methanation in operando: from thermal catalysis to electrocatalysis"

Tue-10:30-I-CAT

**PROF KAROLIINA HONKALA**
U. OF JYVÄSKYLÄ, FINLAND
"Atomistic understanding catalytic reactions from first principles calculations"
Mon-14:00-I-CAT**PROF HANNES JÓNSSON**
UNIVERSITY OF ICELAND,
REYKJAVIK, ICELAND
"Rethinking the criterion for layer-by-layer metal growth"
Wed-16:30-I-S&A**PROF PHILIP DC KING**
UNIVERSITY OF ST ANDREWS, UK
"Giant valley-Zeeman coupling in the NbS₂ surface layer of V_{1/3}NbS₂"
Mon-16:30-I-2DM**PROF TADAHIRO KOMEDA**
TOHOKU UNIVERSITY, JAPAN
"Electron Spin Resonance Measurement of an Adsorbed Single Molecule Magnet Terbium Phthalocyanine (TbPc₂)"
Tue-10:30-I-MOL**PROF ALEXEI KORNYSHEV**
IMPERIAL COLLEGE, UK
"Electrochemical Photonics"
Thu-16:30-I-FNS**PROF MARIUSZ KRAWIEC**
MARIA CURIE-SKŁODOWSKA UNIVERSITY, POLAND
"Dirac Fermions in Si-Au Heterostructures"
Thu-16:30-I-2DM**ASSIST PROF JOSE LADO**
AALTO UNIVERSITY, FINLAND
"Artificial van der Waals multiferroics with twisted two-dimensional materials"
Wed-10:30-I-2DM**PROF ODED HOD**

TEL AVIV UNIVERSITY, ISRAEL

"Layered Ferroelectricity: from Geometric Measures to FirstPrinciples Calculations"
Wed-14:00-I-2DM

KEYNOTE SPEAKERS (MINI-SYMPOSIA)

PROF JULIA LIEBHÄUSER-KUNZE
U. OF INNSBRUCK, AUSTRIA
“The nature of the electrified solid/liquid interface during CO₍₂₎ and water electro-activation”
Thu-10:30-I-ECH

DR ANDREA LOCATELLI
ELETTRA SINCTROTRONE, ITALY
“Magnetism in graphene capped ultra-thin cobalt”
Tue-10:30-I-MAG

ASSOC PROF LINDSAY MERTE
MALMÖ UNIVERSITY, SWEDEN
“Oxide formation and structure at platinum-tin alloy surfaces”
Mon-14:00-I-OXY

PROF YOSHITADA MORIKAWA
OSAKA UNIVERSITY, JAPAN
“Machine Learning Molecular Dynamics Simulation of CO-driven Formation of Cu Clusters on Cu(111) Surface”
Tue-14:00-I-CAT

PROF MICHAEL MORRIS
TRINITY COLLEGE, DUBLIN, IRELAND
“Surface engineering of surfaces using polymer brushes”
Thu-14:00-I-FNS

DR RÉMY PAWLAK
UNIVERSITY OF BASEL, SWITZERLAND
“Probing charge-state, spin and vibrational excitations of radical molecules by low temperature scanning probe microscopy”
Thu-10:30-I-MOL

PROF ROSSITZA PENTCHEVA
U. DUISBURG-ESSEN, GERMANY
“Role of the surface orientation, termination and transformations on the OER activity of spinel and perovskite anode materials”
Tue-10:30-I-OXY

PROF ZBIGNIEW POSTAWA
JAGIELLONIAN UNIVERSITY, POLAND
“Processes Stimulated in Organic Samples by Cluster Projectile Bombardment”
Mon-16:30-I-ISI



DR CHRISTIAN RODENBÜCHER
FORSCHUNGZENTRUM, JÜLICH, GERMANY
“Preferential reduction of extended defects in perovskite surfaces”
Mon-10:30-I-OXY



PROF CHRISTOPH TEGENKAMP
TU CHEMNITZ FÜR PHYSIK, GERMANY
“Towards epitaxial graphene-based quantum materials”
Mon-10:30-I-2DM



PROF WULF WULFHEKEL
KIT KARLSRUHE, GERMANY
“Tripodal molecules as switches, rotors and single photon sources”
Mon-10:30-I-MOL



PROF DOMENICO DI SANTE
U. OF BOLOGNA, ITALY
“The Orbital Angular Momentum to shed light onto the Topology of Quantum Materials”
Thu-10:30-K-MS07



DR STEFAN FACKO
INSTITUTE OF ION BEAM PHYSICS AND MATERIALS RESEARCH, HELMOLTZ-ZENTRUM DRESDEN-ROSSENDORF, GERMANY
“Emergence of nanostructures and nanopatterns under ion induced non-equilibrium conditions”
Mon-14:00-K-MS03



PROF DR LIV HORNEKÆR
AARHUS UNIVERSITY, DENMARK
“Interstellar Catalysis – a Route to Molecular Complexity in Space”
Mon-16:30-K-MS01



PROF DR ANGELIKA KÜHNLE
UNIVERSITY BIELEFELD, GERMANY
“Atomic-resolution imaging at mineral-water interfaces”
Wed-14:00-K-MS14



PROF KHALED MAHMOUD
QATAR ENVIRONMENT AND ENERGY RESEARCH INSTITUTE, HAMAS BIN KHALIFA UNIVERSITY, QATAR
“Applications of Two-Dimensional Metal Carbides (MXenes) for the removal of emerging contaminants from water”
Thu-10:30-K-MS04



PROF DR CLAUDINE NOGUERA
INSTITUT DES NANOSCIENCES DE PARIS, CNRS, SORBONNE UNIVERSITÉ, FRANCE
“Stability and mixing behavior of vanadium-iron oxide monolayers on Pt(111) and Ru(0001) substrates”
Wed-16:30-K-MS02



PD DR CHRISTIAN PAPP
FRIEDRICH-ALEXANDER-UNIVERSITÄT ERLANGEN-NÜRNBERG, GERMANY
“Covalent Chemistry of small molecules on supported 2D Materials”
Thu-14:00-K-MS02



PROF DR ANTONIO POLIMENI
APIENZA UNIVERSITY OF ROME, ITALY
“Heterostructuring in mechanically deformed van der Waals materials”
Thu-10:30-K-MS05



PROF DR TALAT S. RAHMAN
UNIVERSITY OF CENTRAL FLORIDA, USA
“Defects in 2D Materials & Single Atoms on Oxide Surfaces: possible catalysts for a sustainable future”
Wed-14:00-K-MS02



TOMMASO A. SALAMONE
APIENZA UNIVERSITY OF ROME, ITALY
“Thiol functionalised gold nanoparticles loaded with methotrexate for cancer treatment: synthesis, characterisation, and in vitro studies”
Tue-14:00-K-MS10



PROF DR ZDENĚK SOFER
UNIVERSITY OF CHEMISTRY AND TECHNOLOGY, PRAGUE, CZECH REPUBLIC
“Chemistry of Xenes – 2D silicon and germanium”
Wed-10:30-K-MS06



PROF DR MARTIN STERRER
UNIVERSITY OF GRAZ, AUSTRIA
“Assembly and reactions of porphyrins on oxide thin film surfaces”
Thu-16:30-K-MS02



PROF DR STEFAN TAUTZ
PETER GRÜNBERG INSTITUT, FORSCHUNGZENTRUM JÜLICH, GERMANY
“Photoemission Orbital Tomography: Imaging Molecular Wave Functions in Reciprocal and Real Space”
Mon-16:30-K-MS01



DR VALENTINE V. VOLOBUEV
INSTITUTE OF PHYSICS, POLISH ACADEMY OF SCIENCES, POLAND
“Photoemission of Topological Material Epilayers Based on IV-VI Semiconductors and α-Sn”
Wed-11:00-K-MS08

Code	Full Session Name
2DM	2D Materials & Layered Materials
AEM	Advances in Experimental Methods
ATM	Advances in Theoretical Methods
CAT	Catalysis
ECH	Electrochemistry on Surfaces
ENM	Energy Materials
FNS	Functional Surface Nanostructures, Plasmonics, and Sensors
ISI	Ion Surface Interactions
MAG	Magnetism
OPN	Optical Properties at the Nanoscale
MOL	Organic Molecules & Molecular Architectures on Surfaces
OXY	Oxide Surfaces
S&A	Surfaces & Their Applications
WES	Water & Environmental Surfaces
PL	Plenary
I	Invited
K	Keynote
F	Featured (Mini-Symposia)
O	Oral contributed
PP	Poster

FEATURED TALKS (MINI-SYPOSIA)

DR LIONEL AMIAUD

ISMO, UNIVERSITÉ PARIS-SCALAY, CNRS, FRANCE
"Quantifying non-thermal desorption from molecular ices - Comparative study of photon and electron irradiation in the valence- and core-shell energy ranges"
Tue-14:40-F-MS10

DR DARIO CAMPISI

UNIVERSITY OF STUTTGART, GERMANY
"Super-Oxygenation of Naphthalene: The break-Down Reaction"
Mon-18:10-F-MS01

DR KRZYSZTOF BIENKOWSKI

UNIVERSITY OF WARSAW, POLAND
"Fundamental effect of electrolyte composition over photoelectrochemical processes"
Tue-14:40-F-MS10

EMILIANO BONERA

UNIVERSITÀ DI MILANO-BICOCCA, ITALY
"Optothermal Raman Spectroscopy of 2D materials on metal substrates"
Wed-11:30-F-MS06

PROF DR CHRISTINA BIRKEL

SCHOOL OF MOLECULAR SCIENCES, ARIZONA STATE UNIVERSITY, TEMPE, USA
"Expanding the family of MAX phases: Synthesis of exotic layered solids"
Wed-12:10-F-MS06

PROF DR KERSTI HERMANSSON

UPPSALA UNIVERSITY, SWEDEN
"Water and hydroxides at interfaces – similar and different"
Wed-14:40-F-MS14

RICHARD MEYER

U.S. OFFICE OF NAVAL RESEARCH GLOBAL, PRAGUE, CZECH REPUBLIC
"Funding Opportunities with the U.S. Office of Naval Research"
Tue-16:30-F-ONR

DR PHILIPP RAHE

FACHBEREICH MATHEMATIK/INFORMATIK/PHYSIK, UNIVERSITÄT OSNABRÜCK, OSNABRÜCK, GERMANY
"Water adsorption on the calcite(104)-(2×1) surface"
Wed-15:20-F-MS14

DAVID E. STARR

INSTITUTE FOR SOLAR FUELS, HELMHOLTZ-ZENTRUM BERLIN FÜR MATERIALIEN UND ENERGIE GMBH, BERLIN, GERMANY
"Solid-liquid interfaces studied with synchrotron-based ambient pressure X-ray photoelectron spectroscopy"
Wed-16:30-F-MS14

PROF MAREK KOSMULSKI

LUBLIN UNIVERSITY OF TECHNOLOGY, POLAND
"Gresham's law in pH-dependent surface-charging"
Wed-16:50-F-MS14

DR MAGDALENA BIROWSKA

UNIVERSITY OF WARSAW, WARSAW, POLAND
"Recent Advances in Thermoelectric properties of MXenes-based nanomaterials and beyond"
Thu-11:30-F-MS04



MINI-SYPOSIA

This year, ECOSS introduces Mini-Symposia (MS), which are parallel sessions curated and organized by an expert in the field. The MS typically focus on more specialized topics than in the traditional parallel sessions. Several MS talks are labeled as "featured" at the discretion of their organizers. The list of all MS topics and their organizers can be found below. Typically, each MS contains a keynote speaker (35 min + 5 min Q/A) and contributed speakers (15 min + 5 min Q/A) but these times may vary slightly. Refer to the [program](#) for exact presentation duration.

Topic	Organizer(s)	When
MS01 Surface Astrochemistry	Dario Campisi	Mon 16:30
MS02 Surface Reactions on 2D Materials and Ultrathin Oxide Films	Luca Vattuone Mikołaj Lewandowski	Wed 14:00
MS03 Response of the Surface on the Ions' bombardment: Experiments, Theoretical Models and Simulations	Milena Majkić Dariusz Banaś	Mon 14:00
MS04 MXenes and Related Materials	Agnieszka Jastrzębska	Thu 10:30
MS05 Optical, Vibrational and Magnetic Properties of van der Waals Materials	Maciej Molas	Thu 10:30
MS06 Xenes: Two-Dimensional Artificial Materials	Christian Martella Carlo Grazianetti	Wed 10:30
MS07 Optical Angular Momentum-Based Phenomena in Quantum Materials and Their Surfaces	Maximilian Ünzelmann Michael Schüler	Thu 10:30
MS08 State-of-the-Art ARPES Measurements at Synchrotron	Magdalena Szczepanik Natalia Olszowska	Wed 10:30
MS09 Single-Molecule Devices: Beyond Electronic Transport	Pascal Gehring Jan Mol	Thu 14:00
MS10 Exploring Structure-Properties Correlation in Nanostructured Materials	Sara Cerra	Tue 14:00
MS11 Photoemission Tomography as a Tool for Studying Molecular Interfaces, Applications and Future Perspectives	Giovanni Zamborlini Peter Puschnig	Mon 10:30
MS12 Surfaces in Plasma Catalysis		Cancelled
MS13 Nanostructured Materials for Enhancing Light-Matter Interactions	Piotr Wróbel Tomasz Stefaniuk	Wed 10:30
MS14 Atomic Scale Mineral-Water Interfaces	Jan Balajka Johannes Lützenkirchen Chao Zhang	Wed 14:00
MS15 At the Junction between Surface Chemistry and Physics: the Complementary Application of Surface Zeta Potential and Kelvin Probe Force Microscopy	Silvia Spriano Urszula Stachewicz Piotr Warszyński	Tue 10:30

MAP OF THE VENUE



WELCOME RECEPTION

ECOSS-36 invites every participant to join the welcome reception event on the Sunday August 27th at 18:00 at the Poznański Palace (Museum Miasta Łodzi, ul. Ogrodowa 15 – just two minute walking distance from the Vienna House by Wyndham Andel's), to come pick up the conference badge, enjoy the wonderful Poznański Palace, grab a refreshment, and meet other ECOSS attendees!

Follow the blue arrow to enter the Poznański Palace from Ogrodowa Street, and feel free to explore the different accessible rooms part of the Museum of the City of Łódź (in green). The conference badges are available on the first floor ('REGISTRATION'). Food and refreshments will be served in the Garden.



WALKING TOURS

On Tuesday, August 29th at 17:30, guided walking tours around Łódź will start from the conference venue. Each tour lasts from 60 to 90 minutes. The guided tours will finish at the Arthur Rubinstein Philharmonic before the concert is scheduled.



ŁÓDŹ – THE CITY OF INDUSTRIAL HERITAGE

"During the tour we will visit some of the most important attractions and monuments of the city. As its history is deeply connected with the textile industry (Łódź was often called the *Polish Manchester*) we will visit some of the old industrial areas. Among others, the former industrial empire of Izrael Poznański, now the *Manufaktura* complex - a great example of revitalisation and a symbol of Łódź. The history of the Poznański family will be a perfect example to illustrate the process of creating (and losing) fortunes."



ŁÓDŹ – THE CITY OF MULTICULTURAL HERITAGE

"During the tour we will visit traces of the local history – the history of the city known as the *city of four cultures*. In the 19th century, Łódź was being built by Poles, Germans, Jews and Russians which resulted in a melting pot of cultures and religions. On the way, we will also visit the biggest and most splendid palace in Łódź, once property of Israel Poznanski, being called *The Louvre of Łódź*. Of course we shall also make a walk on Piotrkowska street, once a business street bustling with life, today a pedestrian zone full of ancient charm."



ŁÓDŹ – THE CITY OF ART

"During its history, the city of Łódź was known as a 'revolutionary' city. Among other aspects of life, the most striking and visible is the art that was created here. One of the first modern art museums in the world was made in Łódź (just after New York!). Today, we are proud of the local Museum of Arts or *Muzeum Sztuki* (with a branch in the *Manufaktura* complex); but what makes Łódź famous is its local street art. Artists from the whole world come here to create big-scale pieces of art, bringing colour and wonder to pedestrians. On this tour, we will see a number of murals and several special installations (like *The Passage of Rose* created with thousands of small pieces of mirrors)."

CONCERT AT THE ARTHUR RUBINSTEIN PHILHARMONIC

Following the guided walking tours, we invite every participant for a concert generously made possible by Grzegorz Schreiber, the Marshal of the Łódzkie Region. The Arthur Rubinstein Philharmonic (*Filharmonia Łódzka im. Artura Rubinstajna*) is the only concert hall in Europe to be equipped with both a Baroque organ and a Romantic organ (see photo below), fully independent of each other.



Grzegorz Schreiber
MARSHAL
OF THE LODZKIE REGION

The concert will first consist of an introduction of the two unique organs, both historically and musically. A short artistic act will then showcase the sound possibilities of these instruments. In the second part of the event, a string quartet will perform popular tango and film music. The concert will start on **Wednesday August 30th at 20:00**.



GALA DINNER

The gala dinner will take place in the Grand Auditorium (in the same room where plenary sessions are held) at the Vienna House by Wyndham Andel's, on **Thursday August 31st at 20:00**. Feel free to inform us at the registration desk if you need to verify, or modify, the diet requirements specified during registration. The winners of the various prizes (see page 12) will be announced during the Gala dinner.



Monday August 28							
08:40	Grand Auditorium 4th Floor						
09:00	Grand Auditorium 4th Floor						
	Klaus von Kitzing How Basic Research on Surfaces led to a Nobel Prize and a Revolution in Metrology 09:00 - 10:00						
10:00	Coffe 10:00-10:30						
R1-Satin 1 2D Materials & Layered Materials Chair: Andrea Locardi	R2-Satin 2 MOL Organic Molecules & Molecular Architectures on Surfaces Chair: Wolf Wulfkele	R3-Silk CAT Catalysis Chair: Mikolaj Lewandowski	R4-Damask OXY Oxide Surfaces Chair: Martin Allen	R5-Velour MS11 Photovision Tomography in a Tool... Chair: Giovanni Zomberoff	R6-Velour PCAM Surface School	R7-Cashmere 2 R6-Velour MAG Magnetism Chair: Ryzzard Zyb	R7-Cashmere 2 PCAM Surface School Chair: Silvia Sperio
10:30	R8-Echo 2024-0-204 Christine Tegenkamp Towards optical-pulse-based quantum materials Wolfgang Walther Topological insulators, surfaces, rotors and single photon sources						
	Man-10:30-O-204 Georg Held Operando XPS Studies of size-selected alumina-supported Pt and Ni nanoparticles	Man-10:30-O-204 Christian Riedelkerke Preferential reduction of extended defects in perovskite surfaces	Man-10:30-O-204 Stefan Tautz Photovision/Cat Tomographic Imaging Molecular Wave Functions in Reciprocal and Real Space	Man-10:30-O-204 Joannis Devetis PCAM Surface School	Man-10:30-O-204 Benjamin Stadtmüller Imaging size-selected states of fluorescence in reciprocal space	Man-10:30-O-204 Ralf Henne Structural Reorientation of Organic Molecules on Surfaces by Metal Doping	Man-10:30-O-204 Miroslaw Dudek Magnetism in graphene capped ultra-thin cobalt nanowires through spin flip through self-assembly of magnetic nanoparticles
11:10	Man-11:10-O-204 Ryszard Zyb New structural phase of single atom thick layer of manganites Tobias Weiß Surf assembly of extremely stable shape memory in manganites	Man-11:10-O-MOL Andrea Locardi Understanding the Catalytic Activity of Catalysts While the Dynamically Changing Nature of the Lipid Layer Controls the Heterogenization	Man-11:10-O-CAT Carsten Schneider Understanding the Catalytic Activity of Catalysts While the Dynamically Changing Nature of the Lipid Layer Controls the Heterogenization	Man-11:10-O-GVY Martin Seivin Closed cubic porosities: Taming the surface morphology by hetero-cycling and doing	Man-11:10-O-M01 Dominik Wrona Manipulating single porosities on oxide surfaces	Man-11:10-O-M01 Silvia Sperio Electron Spin Resonance Measurement of an Adorbed Single Molecule Magnet Terbium Phthalocyanine (TbPc)	Man-11:10-O-M15 Silvia Sperio Various aspects of surfaces and zeta potential relationship in the area of nanocrystals, colloids, emulsions and foams
11:30	Man-11:30-O-204 Moryem Bouaziz Emergent bandgap one-dimensional InNitride Ternaries Sachidanand Sarkar STM induced reversible switching of thinoxide based molecule on Al(111)	Man-11:30-O-MOL Silvia Sperio Engineering of large organic Networks featuring Large Unipolar Orbital Magnetic Moment	Man-11:30-O-CAT Roland Blenn Photovision/Cat Tomographic Exposure XRD on the Example of Ru-Model Catalyst Surfaces	Man-11:30-O-GVY Luisa Faber Accurate determination of porosity properties in amorphous oxide semiconductors by Kelvin Probe Force Microscopy	Man-11:30-O-M01 Aleksandra Nadelko Non-destructive characterization and functionalization of MoS2 transistors	Man-11:30-O-M01 Anna Roslowska Revisiting the structure of monolayer iron nitride islands on Cu(001)	Man-11:30-O-M15 Joanna Knapczyk-Korczak Surface charges and zeta potentials measured by Kelvin-probe microscopy and Zeta-potential of polymer fibers and meshes
11:50	Man-11:50-O-204 Victor Arstnev Nanomaterials for surface Controllable in-situ Growth, Structure and Properties Man-11:50-O-MOL Natalia D. Cetcerik Engineering of Large Unipolar Orbital Magnetic Moment	Man-11:50-O-CAT Florian Kraushofer Periodic encapsulation on native TiO2/SiO2 under low-vacuum plasma conditions and its electronic effects	Man-11:50-O-GVY Hans-Joachim Gose Molecular Architectures from atomic dislocations in 2D dielectric multilayered metal surfaces	Man-11:50-O-M01 Wen-Chang Pan Periodic encapsulation on native TiO2/SiO2 under low-vacuum plasma conditions and its electronic effects	Man-11:50-O-M01 Seeed Sovizi Photovision/Cat Tomography of electrons in organic semiconductors	Man-11:50-O-M01 Abner De Sivero A New Stabilization Mechanism for the Poly-ZnO0001-D-20 Through Hydrogen Trapping on Zn-vacancies	Man-11:50-O-MAG Pavel Nita Ferrim-Antiferromagnetic Heterostructures: a case study of Fe3O4/NiO interface
12:10	Lunch 12:00 - 14:00						
R1-Satin 1 2D Materials & Layered Materials Chair: Christoph Tengkamp	R2-Satin 2 MOL Organic Molecules & Molecular Architectures on Surfaces Chair: Remy Morikawa	R3-Silk CAT Catalysis Chair: Yoshitaka Morikawa	R4-Damask OXY Oxide Surfaces Chair: Christian Riedelke	R5-Cashmere 2 MS03 Photovision on the Ices Biomaterials Chair: Milena Majcic	R6-Velour AEM Advances in Experimental Methods Chair: Stefan Tautz	R7-Cotton PCAM Surface School	R7-Cashmere 2 R6-Velour MAG Magnetism Chair: Jacek Lotysz
14:00	Man-14:00-O-204 Karolina Izdeak Effect of intercalated metallosalts on the catalytic properties of polymer-supported phosphorus-51C Man-14:00-O-204 Geoffrey Prevo From surface alloys to granules: CdGa2O4 growth	Man-14:00-O-MOL Szymon Godlewski On-Surface Synthesis of Higher Alkenes and Nanographenes	Man-14:00-O-CAT Karolina Honkala Atomic understanding catalytic reactions from first principles calculations	Man-14:00-O-GVY Lindsey Richard Merte Oxide formation and structure at platinum-its alloy surfaces	Man-14:00-O-M01 Stefan Facko Emergence of nanoclusters and nanowires under ion-induced sputter-deposition conditions	Man-14:00-O-M01 Antonija Gradišek-Cabo Kinetic In-situ Synthesis (KIS) technique of large-area 2D materials evolution	Man-14:00-O-M01 Mikolaj Lewandowski Revisiting the structure of monolayer iron nitride islands on Cu(001)
14:20	Man-14:20-O-204 Robert Koenigskamp Interaction of oxygen with MoS2 crystals Man-14:20-O-204 Geoffrey Prevo From surface alloys to granules: CdGa2O4 growth	Man-14:20-O-MOL Daniela Dabholkar On-synthesis of organic nanostructures and nanographeenes	Man-14:20-O-CAT Leander Koenigskamp Tailoring the Selectivity of 1,3-Butadiene versus 1-Ethene Adsorption on Pt(111) by Ultrasonic Cleaning	Man-14:20-O-GVY Mariusz Ehr Unusual 2D Oxide Gau of the Surface of Square Si3N4 Nanowires	Man-14:20-O-M01 Mathias Ehr Morphological transition in the patterning of the crystalline Ge(001) surface induced by atomic-scale lithography	Man-14:20-O-M01 Durkacz Pawel Formation of nanowires on metals surface using ion-beam sputter-deposition	Man-14:20-O-M01 Hedi Jahangiri Development of CoCu4Al4NaxOy (x=0.5, 1, and 1.5) High-Tc Superconductor by Mechanical Alloying and Spark Plasma Sintering
14:40	Man-14:40-O-204 Robert Koenigskamp Interaction of oxygen with MoS2 crystals Man-14:40-O-204 Geoffrey Prevo From surface alloys to granules: CdGa2O4 growth	Man-14:40-O-MOL Daniela Dabholkar On-synthesis of organic nanostructures and nanographeenes	Man-14:40-O-CAT Leander Koenigskamp Tailoring the Selectivity of 1,3-Butadiene versus 1-Ethene Adsorption on Pt(111) by Ultrasonic Cleaning	Man-14:40-O-GVY Mariusz Ehr Unusual 2D Oxide Gau of the Surface of Square Si3N4 Nanowires	Man-14:40-O-M01 Mathias Ehr Secondary Ion-APFS and Energy-Selective Band Mapping	Man-14:40-O-M01 Miguel Segura GaN@Ni behavior under strong ionizing irradiation from Bulk to Surface	Man-14:40-O-M01 Jana Kyziova Holes formation induced from electron spectroscopy carrier resolution after low doses of ionization
15:00	Man-15:00-O-204 Jan Baczyński Properties of the metal/MoS2 thin layer interfaces	Man-15:00-O-MOL Rafal Zusak On-surface synthesis with atomic hydrogen	Man-15:00-O-CAT Teng Ma Bi-functional element Fe-Co/Fe oxidation in Pt/Co2O3 catalyst	Man-15:00-O-GVY Luisa Pfeifer Illustration of the identification of the active sites during oxidation of Co2O3 on Pt/Co2O3 by XPS	Man-15:00-O-M01 Miguel Segura GaN@Ni behavior under strong ionizing irradiation from Bulk to Surface	Man-15:00-O-M01 Shin-ting Lu Impact of band structure on wave function dissipative in field emission resonance	Man-15:00-O-M01 Natalia D. Cetcerik Green Hydrogen Production via Steam Reforming of Light Alcohols on Ni-Based Catalysts
15:20	Man-15:20-O-204 Klaudia Toczek MBE growth and characterization of metallic and oxidized layers of 2D borides	Man-15:20-O-MOL Wangxi Xu Substrate dependent magnetic properties of a few-layered 2D borides using spin-polarized microscopy	Man-15:20-O-CAT Kari Vehvilä Exploring CO oxidation reaction on platinum by in-situ microscopy	Man-15:20-O-GVY Aman Bansal Anis Insights into the heavy ion induced modification processes in a SiO2 and a Ga2O3 nanowire irradiated with 100 keV electrons	Man-15:20-O-M01 Milena Majcic Anis Theoretical model for the nanoclusters and nanowires under the metal surface impact of few highly charged ions	Man-15:20-O-M01 Jana Kyziova Holes formation induced from electron spectroscopy carrier resolution after low doses of ionization	Man-15:20-O-M01 Andrea Cetcerik Ab-initio calculations of the order of Mn+ ions on cleaved nanowire ends
15:40	Man-15:40-O-204 Allison Cetcerik On-Synthesis of Two-Dimensional Coordinated Nanoporous Networks	Man-15:40-O-MOL Allison Cetcerik On-Synthesis of Two-Dimensional Coordinated Nanoporous Networks	Man-15:40-O-CAT Jesse Szwed Catalysis behavior of Pt nanoparticles on hexagonal boron nitride as a truly inert support in their CO2 hydrogenation reaction	Man-15:40-O-GVY William Aparicio-Dallo Probing Copper and Copper-Gold Surfaces with Specified Quantum-Mechanical States	Man-15:40-O-M01 Milena Majcic Anis Theoretical model for the nanoclusters and nanowires under the metal surface impact of few highly charged ions	Man-15:40-O-M01 Luisa Pfeifer Formation of nanowires on metals surface using ion-beam sputter-deposition	Man-15:40-O-M01 Marta Przygrodzka Comprehensive properties of 2D surface alloys grown on Pt(111)
16:00	Coffe 16:00 - 16:30						
R1-Satin 1 2D Materials & Layered Materials Chair: Robert Koenigskamp	R2-Satin 2 MOL Organic Molecules & Molecular Architectures on Surfaces Chair: Anil Choudhary	R3-Silk CAT Catalysis Chair: Iván Horneká	R4-Damask OXY Oxide Surfaces Chair: Stefan Facko	R5-Velour AEM Advances in Experimental Methods Chair: Antožja Gradišek-Cabo	R6-Velour PCAM Surface School	R7-Cashmere 2 R6-Velour MAG Magnetism Chair: Jacek Lotysz	R7-Cashmere 2 PCAM Surface School Chair: Enrico Giacco
16:30	Man-16:30-O-204 Phil King Giant Valley Zeeman coupling on the h-BN surface layer of the ferromagnetic GOFir	Man-16:30-O-MOL Piotr Cyganik Electron irradiation of h-ferroelectric carbonates	Man-16:30-O-CAT Iván Horneká Interlayer Catalysis - a Route to Molecular Complexes in Space	Man-16:30-O-GVY Zbigniew Postawa Process: Striations Organic Samples by Cluster Projective Beamwriting	Man-16:30-O-M01 József Ekar Tof-SIMS analysis in an Ar atmosphere: Improvement in detection and reduction of matrix effect	Man-16:30-O-M01 Hanna Szöllősi Tomographic Surface X-ray Diffraction	Man-16:30-O-M01 Yoshitaka Morikawa Machine Learning Molecular Dynamics Simulation of Polyethylene/Cerium Oxide: Effect of the Deposition Technique, Non-Harmonic Group and Temperature
16:50	Man-16:50-O-204 Dariusz Ginder Pattern Formation of Organic Compounds on the Surface of Heterogeneous Catalysts Induced by Ion-Clustering on Alkaline Halide Substrates	Man-16:50-O-MOL Xavier Michaud Impact of the size of the clusters on the reactivity of the clusters	Man-16:50-O-CAT Tadeusz Modlik Molecular Dynamics Simulation of PdHT Multilayer under Low Energy Monopole Projective Beamwriting	Man-16:50-O-GVY Barbara Wozniak Research carried out on the DEMETER experimental facility at the NRC SOLARS facility	Man-16:50-O-M01 Makoto Taniguchi Controllable reduction of ion-induced Annealing processes for energy- and bio-applications	Man-16:50-O-M01 Zdenek Jakub Atomically-defined, air-stable 2D-metal-organic frameworks on graphene: how the support defines the system properties	Man-16:50-O-M01 Camille Ferris Investigation of dry corrosion performance in multi-component alloys using CSFs.
17:10	Man-17:10-O-204 Pascal Gehrke Surface measurements on the 2D ferromagnetic GOFir	Man-17:10-O-MOL Kai-Uwe Lehn Direct observation of structural changes of water clusters from few nanometers to micrometers	Man-17:10-O-CAT Lionel Amalbert Kinetic comparative study of proton and electron irradiation in the valence- and core-shell energy range	Man-17:10-O-GVY Makoto Taniguchi Controllable reduction of ion-induced Annealing processes for energy- and bio-applications	Man-17:10-O-M01 Steffen Höglund Synthesizing silica and silicate from atomic clusters for the development of a novel system for experimental studies of intercalation. Role of the Atomic Level	Man-17:10-O-M01 Zdenek Jakub Mechanical insights into thermal processes of metallo-oxides on h-BN/Rh(111). A comparison of Au and Rh	Man-17:10-O-M01 Julian Chojnacki Controlling the porosity of nanopatterned titanium dioxide
17:30	Man-17:30-O-204 Markus Grathwohl Epitaxial growth of a nanowire on ferromagnetic Cr/Irr - LEEM	Man-17:30-O-MOL David M. Czapla Molecular engineering of two-dimensional heterostructures - Carbonyl acids on negatively oxidized substrates	Man-17:30-O-CAT Xavier Michaud Impact of the size of the clusters on the reactivity of the clusters	Man-17:30-O-GVY Lionel Amalbert Kinetic comparative study of proton and electron irradiation in the valence- and core-shell energy range	Man-17:30-O-M01 Makoto Taniguchi Controllable reduction of ion-induced Annealing processes for energy- and bio-applications	Man-17:30-O-M01 Oscar Avner Arata Fullerene and Nanotube-like electronic states experimentally observed in (5,5)-C60 fullerenes molecules.	Man-17:30-O-M01 Tatjana Iuvanova Application of Mössbauer spectroscopy for surface investigation of 316L stainless steel after temperature treatment
17:50	Man-17:50-O-204 Terma Kalka Magnetic hysteresis of TDCM wires doped with Cr, Mn, and Fe	Man-17:50-O-MOL David M. Czapla Molecular engineering of two-dimensional heterostructures - Carbonyl acids on negatively oxidized substrates	Man-17:50-O-CAT Xavier Michaud Impact of the size of the clusters on the reactivity of the clusters	Man-17:50-O-GVY Lionel Amalbert Kinetic comparative study of proton and electron irradiation in the valence- and core-shell energy range	Man-17:50-O-M01 Makoto Taniguchi Controllable reduction of ion-induced Annealing processes for energy- and bio-applications	Man-17:50-O-M01 Oscar Avner Arata Fullerene and Nanotube-like electronic states experimentally observed in (5,5)-C60 fullerenes molecules.	Man-17:50-O-M01 Marie Kolod Energy dissipation on magic angle twisted bilayer graphene
18:10	Man-18:10-O-204 Miklos Menyhard XPS Depth Profiling of Langmuir-Blodgett Coatings on Conducting Surfaces	Man-18:10-O-MOL Yves Carlier Electrostatic adsorption of water at a pristine-oxide interface	Man-18:10-O-CAT Dario Campisi Super-Organicity/Absolute: The Break Down!	Man-18:10-O-GVY Peter Ayers/Catork Toward the Understanding of the Thermodynamics of the PCAM Interface for Water Purification	Man-18:10-O-M01 Rui Li Molecular and Electronic Properties of the PCAM Interface for Water Purification	Man-18:10-O-M01 Camille Ferris Investigation of dry corrosion performance in multi-component alloys using CSFs.	Man-18:10-O-M01 Arthur Rubinstein Philharmonic Concert 20:00 - 22:00
18:30	Poster session 18:30 - 20:00						
Tuesday August 29	Grand Auditorium 4th Floor						
	Plenary Christian A. Nijhuis Intelligent Molecular Switches that Mimic Synapses 09:00 - 10:00						
09:00	Grand Auditorium 4th Floor						
	Coffee 10:00 - 10:30						
10:00	R1-Satin 1 2D Materials & Layered Materials Chair: Wolf Wulfkele						
	Man-10:00-O-204 Christian Tschirhart Preferential reduction of extended defects in perovskite surfaces						
10:30	R2-Satin 2 MOL Organic Molecules & Molecular Architectures on Surfaces Chair: Yuji Kawahara						
	Man-10:30-O-204 Christian Tschirhart Fabrication and functionalization of nanoribbon networks from arbitrary two-dimensional materials						
10:50	R3-Silk CAT Catalysis Chair: Georg Held						
	Man-10:50-O-204 Christian Tschirhart Electron Spin Resonance Measurement of an Adorbed Single Molecule Magnet Terbium Phthalocyanine (TbPc)						
11:10	R4-Damask OXY Oxide Surfaces Chair: Lindsay Richard Merte						
	Man-11:10-O-204 Lindsay Richard Merte Role of surface orientation, termination and contact interfaces between thermally self-assembled MoS2 islands and MoS2 substrate surfaces						
11:30	R5 - Cashmere 2 R6 - Velour MAG Magnetism Chair: Ryzzard Zyb						
	Man-11:30-O-204 Ryzzard Zyb Various aspects of surfaces and zeta potential relationship in the area of nanocrystals, colloids, emulsions and foams						
11:50	R7-Cashmere 2 PCAM Surface School Chair: Silvia Sperio						
	Man-11:50-O-204 Silvia Sperio Thermal expansion, piezo and KPFM measurements in the functionalization of biomaterials						
12:30	Lunch 12:00 - 14:00						
R1-Satin 1 2D Materials & Layered Materials Chair: Mikolaj Lewandowski	R2-Satin 2 MOL Organic Molecules & Molecular Architectures on Surfaces Chair: Remy Morikawa	R3-Silk CAT Catalysis Chair: Yoshitaka Morikawa	R4-Damask OXY Oxide Surfaces Chair: Christian Riedelke	R5-Cashmere 2 MS10 Exploring Properties Correlation Chair: Jacek Lotysz	R6-Velour R7-Cotton PCAM Surface School Chair: Enrico Giacco	R7-Cashmere 2 R6-Velour MAG Magnetism Chair: Jacek Lotysz	R7-Cashmere 2 PCAM Surface School Chair: Enrico Giacco
14:00	Man-14:00-O-204 Karolina Honkala Effect of intercalated metallosalts on the catalytic properties of polymer-supported phosphorus-31C						
	Man-14:00-O-MOL Szymon Godlewski On-Surface Synthesis of Higher Alkenes and Nanographeenes						
14:20	Man-14:20-O-204 Antonio Caporaso Electrostatics of the Ge(001) surface						
	Man-14:20-O-CAT Johannes Binder Binding Stability of the Polyacetylene Cerium Oxide: Effect of the Deposition Technique, Non-Harmonic Group and Temperature						
14:40	Man-14:40-O-204 Piotr Tarczak Inhibition of the paramagnetic activation of single photon emission from defects in hBN?						
	Man-14:40-O-MOL Luisa Pfeifer Probing electron skin and their activity using chemical perturbations and Fast Fourier Transform Ambient Pressure X-ray Photoelectron Spectroscopy						
15:00	Man-15:00-O-204 Wiktor Reddig Exploring possible modes of damage caused by ion radiation in the film and two-dimensional H-effect systems						
	Man-15:00-O-MOL Carolina Mishell Barrios-Barreno Towards two-dimensional BNC architectures on metal surfaces from self-assembled monolayers						
15:20	Man-15:20-O-204 Julian Chojnacki Investigating the properties of the nanoscale interface of the BN/Rh(111) A-complex						
	Man-15:20-O-CAT Zdenek Ovářík Mechanical insights into thermal processes of metallo-oxides on h-BN/Rh(111): A-complex						
15:40	Man-15:40-O-204 Asha Kumar Interlayer Energy Transfer in Type-II 2D Heterostructure						
	Man-15:40-O-MOL Oscar Avner Arata Fullerene and Nanotube-like electronic states experimentally observed in (5,5)-C60 fullerenes molecules						
16:00	Coffe 16:00 - 16:30						
R1-Satin 1 ONR The US Office of Naval Research	R2-Satin 2 FONR Funding Opportunities with the U.S. Office of Naval Research	R3-Silk CAT Catalysis Chair: Georg Held	R4-Damask OXY Oxide Surfaces Chair: Lindsay Richard Merte	R5-Cashmere 2 MS10 Exploring Properties Correlation Chair: Jacek Lotysz	R6-Velour R7-Cotton PCAM Surface School Chair: Enrico Giacco	R7-Cashmere 2 R6-Velour MAG Magnetism Chair: Jacek Lotysz	R7-Cashmere 2 PCAM Surface School Chair: Enrico Giacco
16:30	Man-16:30-O-204 Tirumalai Krishnamoorthy Funding Opportunities with the U.S. Office of Naval Research						
	Man-16:30-O-MOL Julian Choj						

Wednesday							Thursday						
August 30							August 31						
09:00 Grand Auditorium 4th Floor							09:00 Grand Auditorium 4th Floor						
09:00-10:00 Plenary Beatriz Goldenbaum Why Is Operando Crucial for the Future of Science? Chair: Claudiu Noguera							09:00-10:00 Plenary Cristiana Di Valentini Architecting Graphene Interfaces and Functionalized Nanoparticles for Nanotechnology and BionanoScience Chair: Helmut Grasser						
10:00 Coffee sponsored by Edwards Vacuum 10:00-10:30							10:00 Coffee 10:00-10:30						
R1-Sat1 2DM 2D Materials & Layered Materials Chair: Antoni Polimeni	R2-Sat1 MOL Organic Molecules & Molecular Architectures on Surfaces Chair: Peter Cyganik	R3-Silk ENM Energy Materials Chair: Justin Wells	R4-Damask MS06 Xenes: Two-Dimensional Artificial Enriching: Chair: Corin Gosteleit Christelle Moretta	R5-Cashmere 2 MS13 Nonstructured Materials for Enriching: Chair: Peter Whelch	R6-Velour MS08 State-of-the-Art ARRES Measurement of Structure: Chair: Natalia Szczęśniak Małgorzata Szczęśniak	R7-Cotton PCAM Summer School	R1-Sat1 2DM 2D Materials & Layered Materials Chair: Oded Hod	R2-Sat1 MOL Organic Molecules & Molecular Architectures on Surfaces Chair: Tadafumi Komeda	R3-Silk MS05 Optical, Vibrational and Magnetic Properties: Chair: Maciej Motas	R4-Damask ECH Electrochemistry on Surfaces Chair: Edith Lindgren	R5-Cashmere 2 MS04 Metals and Related Materials Chair: Agnieszka Jastrzębska	R6-Velour MS07 Orbital Momentum-Based Processing Chair: Maximilian Östermann	R7-Cotton PCAM Summer School Chair: Joël Comte
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C	
Bennecke, W.	Mon-11:30-O-MS11
Bienkowski, K.	Wed-10:30-F-MS13
Binder, J.	Tue-14:00-I-2DM Tue-14:40-O-2DM Wed-17:10-O-2DM Thu-12:10-O-MS05
Birkel, C.	Wed-12:10-F-MS06 Thu-12:10-O-MS04
Birowska, M.	Tue-14:20-O-MAG Wed-15:40-O-2DM Thu-11:30-F-MS04
Bittencourt, C.	Thu-17:30-O-FNS
Bliem, R.	Mon-11:50-O-CAT
Boban, H.	Wed-12:10-O-MS08
Bondarchuk, O.	Thu-15:20-O-ECH
Bonera, E.	Wed-11:30-F-MS06
Borshchagovsky, Y.	Thu-14:40-O-FNS
Bose, A.	Thu-11:10-O-MS07
Bouaziz, M.	Mon-11:30-O-2DM
Brumboiu, I.E.	Thu-16:50-O-ATM
Brummel, O.	Thu-11:10-O-ECH
Čampelj, S.	Wed-PP-40
Campisi, D.	Mon-18:10-F-MS01
Campos Jara, S.	Wed-17:30-O-2DM
Cao, Y.	Mon-18:10-O-MOL
Caporale, A.	Tue-11:50-O-MOL Tue-12:10-O-2DM Tue-14:40-O-MOL Mon-PP-2
Carraro, G.	Thu-15:00-O-MS02
Cattelan, M.	Mon-14:40-O-AEM Thu-17:30-O-MS02
Ceccatto, A.	Mon-15:40-O-MOL
Čechal, J.	Tue-15:20-O-MOL Wed-17:10-O-MOL Thu-11:30-O-MOL Mon-PP-21
Cegiełka, D.M.	Mon-16:30-O-MOL Mon-17:50-O-MOL
Chabowska, M.	Thu-16:30-O-ATM

Chagas, T.	Thu-11:10-O-2DM
Chang, M.H.	Thu-11:10-O-MOL
Cho, Y.	Thu-15:00-O-2DM
Choi, G.	Thu-17:50-O-S&A
Chojenka, J.	Tue-15:10-O-MS10
Cichomski, M.	Wed-PP-27 Wed-PP-45
Conti, A.	Tue-11:30-O-OXY Tue-12:10-O-OXY
Corozzi, A.	Thu-14:00-O-S&A
Cox, J.	Thu-10:30-O-PCAM
Cruz Irisson, M.	Wed-PP-36
Cyganik, P.	Mon-16:30-O-MOL Mon-17:50-O-MOL
D	
Davies, J.	Wed-PP-39
	Mon-12:10-O-OXY
Dąbrowski, P.	Mon-15:20-O-2DM Mon-17:30-O-AEM Thu-15:40-O-2DM Mon-PP-52
De Jong, L.	Wed-PP-34
De Oliveira Parreiras, S.	Mon-11:50-O-MOL Wed-11:30-O-MOL
De Renzi, V.	Tue-11:50-O-2DM Wed-12:10-O-2DM
De Siervo, A.	Mon-15:40-O-MOL Tue-11:10-O-OXY
Deretzis, I.	Mon-10:30-O-PCAM Mon-14:00-O-PCAM
Di Sante, D.	Thu-10:30-K-MS07
Di Valentin, C.	Thu-09:00-PL
Dickbreder, T.	Wed-15:00-O-MS14 Wed-15:20-F-MS14 Wed-15:40-O-MS14
Ding, F.	Thu-14:00-O-PCAM
Diño, W.A.	Mon-15:40-O-OXY
Doležal, J.	Wed-18:10-O-OPN
Dorival, J.	Tue-12:10-O-CAT
Dreiser, J.	Tue-14:00-O-MAG
	Mon-11:10-O-2DM
Dróżdż, P.	Mon-17:30-O-2DM Wed-PP-4
Dub, M.	Wed-17:50-O-2DM
Dudek, M.R.	Tue-11:10-O-MAG
Dudin, P.	Mon-PP-36

Dunal, R.	Mon-12:10-O-OXY Mon-15:20-O-2DM Mon-17:30-O-AEM Thu-15:40-O-2DM Mon-PP-52
Dziawa, P.	Mon-PP-7
Dziwoki, A.	Mon-PP-34
E	
Ebeling, D.	Mon-14:40-O-MOL
Ekar, J.	Mon-16:30-O-AEM
El-Ahmar, S.	Tue-15:00-O-2DM Thu-15:20-O-FNS
Erb, D.	Mon-14:40-O-MS03 Wed-17:10-O-S&A
F	
Fabbri, L.	Mon-11:50-O-OXY
Facsko, S.	Mon-14:00-K-MS03 Mon-14:40-O-MS03 Wed-17:10-O-S&A
Ferbel, L.	Wed-11:50-O-ENM
Ferrari, B.	Mon-PP-11
Ferris, C.	Tue-15:20-O-OXY
Fétida, A.	Tue-11:50-O-MAG
Florean, L.	Wed-11:50-O-MS06
Florek, M.	Wed-PP-5
Foks, A.	Mon-14:55-O-MS03 Mon-PP-51 Wed-PP-52
Franz, M.	Mon-17:10-O-MOL
Frątczak, E.	Mon-PP-27
	Wed-11:30-O-MS08
Freindl, K.	Wed-17:30-O-MS02 Mon-PP-34 Mon-PP-43
Furlan, M.	Wed-17:50-O-MS02 Mon-PP-17 Wed-PP-11
G	
Gajos, K.	Thu-12:10-O-MOL
Galca, A.C.	Thu-11:10-O-MS05
Gałęziowska, K.	Wed-PP-19
Gannon, L.	Wed-PP-14
Garlisi, C.	Tue-14:20-O-OXY
Gehring, P.	Mon-17:10-O-2DM Thu-11:50-O-MS04 Thu-14:40-O-MS09

Ghani, S.	Wed-11:10-O-MS06
Gnecco, E.	Tue-10:50-O-2DM Tue-14:00-O-PCAM
Godlewski, S.	Wed-17:30-O-WES Thu-17:50-O-MS02 Mon-14:00-I-MOL Mon-15:00-O-MOL
Gogotsi, Y.	Thu-11:50-O-MS04 Fri-09:00-PL
Gołębiowski, M.	Mon-11:10-O-2DM Mon-17:30-O-2DM Wed-PP-4
Golyszny, B.	Wed-PP-12
Grajkowski, F.	Thu-17:50-O-ECH
Grazianetti, C.	Wed-11:10-O-MS06 Wed-11:30-F-MS06
Grespi, A.	Thu-14:40-O-ECH Thu-18:10-O-ECH
Grubisic-Cabo, A.	Mon-14:00-I-AEM
Grządziel, L.	Mon-PP-45
Grzela, T.	Tue-14:40-O-MAG Wed-11:10-O-MOL
Gu, C.	Thu-16:50-O-S&A
Gubo, R.	Thu-17:10-O-2DM Wed-PP-26
Gueye, I.	Wed-10:30-O-ENM
Günder, D.	Mon-16:50-O-MOL
Guo, J.	Tue-15:40-O-CAT
Gustafson, J.	Mon-16:50-O-AEM Wed-17:10-O-MS02
H	
Hamamoto, Y.	Wed-14:00-O-MOL Wed-15:00-O-MOL Thu-18:10-O-2DM
Handke, B.	Wed-11:50-O-MOL Mon-PP-8
Hattori, T.	Wed-14:20-O-MOL Wed-15:00-O-MOL
Haze, M.	Wed-11:10-O-2DM Mon-PP-4
Hedevang, M.	Thu-17:10-O-MS02 Wed-PP-18
Held, G.	Mon-10:30-O-CAT
Hemm, R.	Mon-11:30-O-MS11 Mon-11:50-O-MS11
Hermannsson, K.	Wed-14:40-F-MS14
Herrmann, H.	Wed-14:40-O-MS02
Hinaut, A.	Wed-15:00-O-2DM
Hingerl, K.	Wed-17:30-O-S&A
I	
Ibarra-Barreno, C.M.	Tue-15:00-O-MOL
Idczak, K.	Mon-14:00-O-2DM
Ihm, K.	Mon-15:20-O-AEM Thu-17:10-O-S&A
Ivanova, T.	Tue-15:40-O-OXY
Ivanovski, V.	Mon-PP-12 Wed-PP-31
Iwański, J.	Tue-14:40-O-2DM Wed-17:10-O-2DM Thu-12:10-O-MS05
J	
Jahangiri, H.	Tue-11:30-O-CAT
Jakub, Z.	Tue-15:20-O-MOL
Jalbă, R.	Wed-PP-32
Jamaati Kenari, A.	Wed-14:20-O-S&A
Jastrzębska, A.	Wed-15:40-O-2DM Thu-11:30-F-MS04
Jover Arrate, Ó.J.A.	Tue-15:40-O-MOL
Jónsson, H.	Wed-16:30-I-S&A
K	
Kaku, M.	Mon-PP-14
Kalinovych, V.	Tue-14:00-O-MOL
Kamiński, M.	Wed-PP-42
Kamiński, W.	Wed-PP-17
Kaneko, S.	Thu-14:00-O-MS09 Mon-PP-47
Kański, M.	Mon-16:30-I-ISI Mon-17:10-O-ISI Mon-17:30-O-ISI

Karmakar, A.	Tue-15:40-O-2DM
Katano, S.	Mon-PP-9
Khalakhan, I.	Thu-11:30-O-ECH Thu-17:10-O-FNS
Khaled, M.	Thu-10:30-K-MS04
Kim, H.S.	Mon-17:30-O-MOL Wed-PP-20
Kim, J.S.	Mon-17:30-O-MOL Mon-PP-49
Kim, K.	Mon-17:30-O-MOL
Kim, Y.K.	Thu-11:10-O-MOL Thu-17:30-O-ECH Mon-PP-25
King, P.	Mon-16:30-I-2DM
Kipczak, Ł.	Thu-11:50-O-MS05 Thu-14:00-O-2DM
Kisiel, M.	Tue-15:40-O-MS10
Knapczyk-Korczak, J.	Tue-11:10-O-MS15
Knudsen, J.	Tue-14:40-O-CAT
Kobayashi, K.	Mon-PP-1
Kobayashi, Y.	Thu-17:30-O-ECH
Kochanowska, O.	Wed-11:50-O-MS13
Kołodziej, J.	Wed-10:30-O-MS08
Komeda, T.	Tue-10:30-I-MOL
Kordek, A.	Mon-PP-22 Wed-PP-21
Korneluk, A.	Wed-11:30-O-MS13
Kornyshev, A.A.	Thu-16:30-I-FNS
Koshida, H.	Wed-17:10-O-WES
Kosmulski, M.	Wed-16:50-F-MS14
Kowalczyk, P.	Mon-12:10-O-OXY Mon-15:20-O-2DM
	Mon-17:30-O-AEM
	Thu-15:40-O-2DM
	Thu-17:30-O-ATM
	Mon-PP-52
	Wed-PP-33
Kozłowski, W.	Mon-12:10-O-OXY Mon-15:20-O-2DM
	Mon-17:30-O-AEM
	Thu-15:40-O-2DM
	Mon-PP-52
	Mon-12:10-O-OXY Mon-15:20-O-2DM
Krasucki, G.	Wed-PP-50
Kraushofer, F.	Mon-12:10-O-CAT
Krawiec, M.	Mon-11:10-O-2DM
	Thu-16:30-I-2DM Wed-PP-8

Krempinski, P.	Mon-PP-38 Mon-PP-52
Krok, F.	Tue-10:50-O-2DM
Krukowski, P.	Mon-12:10-O-OXY Mon-15:20-O-2DM
	Mon-17:30-O-AEM
	Wed-14:00-O-MOL
	Wed-15:00-O-MOL
	Thu-17:30-O-ATM
	Mon-PP-52
Kubacki, J.	Mon-PP-46
Kubitza, N.	Thu-12:10-O-MS04
Kühnle, A.	Wed-14:00-K-MS14
	Wed-15:00-O-MS14
	Wed-15:20-F-MS14
	Wed-15:40-O-MS14
Kulka, T.M.	Mon-17:50-O-2DM
Kunze-Liebhäuser, J.	Thu-10:30-I-ECH
Kurowska, A.	Mon-PP-21
Kuwahara, Y.	Wed-14:00-O-MOL
	Wed-14:20-O-MOL
	Wed-15:00-O-MOL
Kwiecień, K.	Mon-PP-6

J

Lado, J.	Wed-10:30-I-2DM
Lambrick, S.M.	Thu-14:40-O-MS02
Le Ster, M.	Mon-15:20-O-2DM
	Mon-17:30-O-AEM
	Thu-15:40-O-2DM
	Thu-17:30-O-ATM
	Mon-PP-52
Léchevin, T.	Wed-PP-9
Lee, H.	Mon-PP-23 Wed-PP-20
Leino, A.	Mon-15:25-O-MS03
Lewandowski, M.	Tue-11:10-O-2DM
	Thu-15:00-O-MS02
	Thu-17:50-O-FNS
Locatelli, A.	Tue-10:30-I-MAG Thu-14:20-O-2DM
Longo, F.	Thu-16:30-O-ECH
Lu, J.	Mon-PP-15 Mon-PP-16
Lu, S.	Mon-15:00-O-AEM
Lundgren, E.	Mon-10:50-O-CAT Thu-14:40-O-ECH
Luo, Y.	Wed-17:30-O-OPN

Lutysk, I.	Mon-12:10-O-OXY Mon-15:20-O-2DM
Łapiński, M.	Mon-17:30-O-AEM
	Thu-15:40-O-2DM
Łapiński, M.	Thu-17:30-O-ATM
	Mon-PP-52
Ma, T.	Mon-15:00-O-CAT
Machata, P.	Wed-11:30-O-2DM
Magdziarz, S.A.	Wed-15:00-O-S&A
Majkić, M.	Mon-14:55-O-MS03 Mon-15:40-O-MS03
Makarova, A.	Mon-10:50-O-CAT Thu-17:50-O-2DM
Man (Traistaru), I.	Thu-16:50-O-ECH
Marszał, A.	Mon-PP-13
Martella, C.	Wed-11:10-O-MS06 Wed-11:30-F-MS06
Martínez, E.A.	Mon-PP-44
Martin-Jimenez, A.	Wed-16:50-O-OPN Wed-17:30-O-OPN
Masilamani Leo, S.S.	Thu-12:10-O-2DM Wed-PP-3
Mateos Roncero, D.	Wed-17:50-O-OPN
McCormack, O.	Thu-15:00-O-FNS
McGuinness, C.	Wed-PP-14
Mehl, S.	Tue-14:00-O-MOL Tue-14:20-O-MOL
Menyhard, M.	Mon-18:10-O-2DM
Mercurio, M.	Tue-15:25-O-MS10
Merte, L.R.	Mon-14:00-I-OXY Wed-10:30-O-PCAM
Meyer, R.	Thu-14:40-O-ECH Tue-16:30-F-ONR
Michaut, X.	Mon-17:25-O-MS01 Mon-17:40-F-MS01
Mishra, V.	Mon-14:40-O-MOL
Młyńczak, E.	Wed-11:30-O-MS08 Mon-PP-34
Mohammadpour, A.	Mon-11:30-O-CAT
Mohammed Idris Bakhit, A.	Thu-17:50-O-2DM
Mohrhagen, L.	Thu-17:10-O-MS02 Wed-PP-18
Molas, M.	Tue-15:40-O-2DM Thu-11:50-O-MS05 Thu-14:00-O-2DM Wed-PP-50

Möllers, P.V.	Wed-11:10-O-ENM
Molodtsova, O.	Tue-11:30-O-MOL Mon-PP-20
Moradmand, S.	Mon-PP-30
Morikawa, Y.	Tue-14:00-I-CAT
	Wed-14:00-O-MOL
	Wed-15:00-O-MOL
Morris, M.	Thu-14:00-I-FNS
Mouhib, T.	Mon-17:10-O-ISI
Mukherjee, D.	Wed-PP-46
Musolf, P.	Mon-PP-31
Nadolska, A.	N
	Mon-12:10-O-OXY Mon-15:20-O-2DM
Nakamura, J.	Mon-17:30-O-AEM
	Thu-15:40-O-2DM
Nara, J.	Thu-17:30-O-ATM
Naseri, S.	Mon-PP-52
Naumov, A.	Wed-15:20-O-2DM
Neuhaus, L.	Mon-PP-19
Nicolaev, A.	0
Nieckarz, D.	Wed-16:50-O-MOL Mon-PP-15
Nijhuis, C.	Tue-09:00-PL
Nita, P.	Mon-17:10-O-AEM
Noguera, C.	Tue-11:30-O-MAG
Noh, S.	Wed-16:30-O-MOL
Okura, H.	Mon-17:30-O-MS02
Olszowska, N.	Wed-18:10-O-2DM
Ostermann, M.	Mon-PP-7
Otero, R.	Thu-15:20-O-S&A
Óvári, L.	Tue-15:40-O-MOL
Palotás, K.	P
	Wed-18:10-O-OPN
	Thu-15:20-O-2DM
Pan, W.	Tue-11:50-O-OXY
	Mon-12:10-O-MOL

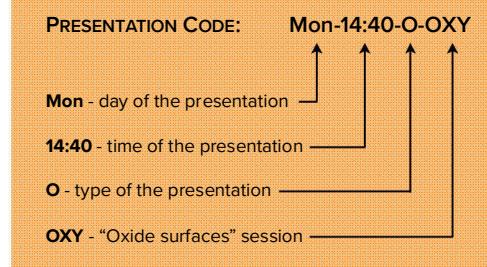
Papp, C.	Mon-15:40-O-MOL Thu-14:00-K-MS02 Mon-PP-3 Wed-PP-24
Pareras Niell, G.	Mon-17:10-O-MS01
Pawlak, R.	Thu-10:30-I-MOL
Pawlak, W.	Mon-PP-13 Mon-PP-40
Pentcheva, R.	Tue-10:30-I-OXY
Perez Penco, E.	Mon-11:50-O-CAT Mon-PP-32
	Tue-11:50-O-MOL
Persichetti, L.	Tue-12:10-O-2DM Tue-14:40-O-MOL Mon-PP-2
Peter, R.	Mon-PP-26
Pham, V.N.	Mon-PP-23 Wed-PP-20
Pisarek, M.	Mon-PP-42
	Mon-12:10-O-OXY
Piskorski, M.	Mon-15:20-O-2DM Mon-17:30-O-AEM Thu-15:40-O-2DM Mon-PP-52
Piwoński, I.	Mon-PP-12 Wed-PP-45
Planer, J.	Tue-15:20-O-MOL Wed-17:10-O-MOL Thu-11:30-O-MOL
Pleines, L.	Mon-15:20-O-OXY
Plucinski, L.	Wed-12:10-O-MS08 Thu-12:10-O-MS07
Płacheta, K.	Wed-PP-35
Polak, P.	Tue-14:00-O-OXY
Polimeni, A.	Thu-10:30-K-MS05
	Tue-11:10-O-CAT
Polus, K.	Thu-17:10-O-ECH Mon-PP-18
Postawa, Z.	Mon-16:30-I-ISI Mon-17:10-O-ISI Mon-17:30-O-ISI
Presel, F.	Tue-15:00-O-CAT Thu-16:30-K-MS02
Prevot, G.	Mon-14:20-O-2DM
Przybyła, A.	Tue-14:40-O-OXY
	Mon-12:10-O-OXY Mon-15:20-O-2DM
Przybysz, P.	Mon-17:30-O-AEM Thu-15:40-O-2DM Thu-17:30-O-ATM Mon-PP-52
Przychodnia, M.	Tue-14:40-O-MAG Thu-15:20-O-FNS

R	
Raczyński, J.	Mon-15:00-O-2DM Thu-15:20-O-FNS Mon-PP-6
Rahe, P.	Wed-15:20-F-MS14
Rahman, T.	Wed-14:00-K-MS02
Reddig, W.	Tue-15:00-O-2DM Thu-15:20-O-FNS
Rodenbücher, C.	Mon-10:30-I-OXY Mon-PP-46
Rodriguez Gonzalez, S.	Thu-14:20-O-MS09
	Mon-12:10-O-OXY Mon-15:20-O-2DM Mon-17:30-O-AEM Thu-15:40-O-2DM Thu-17:30-O-ATM Mon-PP-52
Rogala, M.	Wed-09:00-PL Wed-14:00-O-PCAM
Romain, F.	Thu-14:40-O-S&A
Romaniak, G.	Thu-15:20-O-2DM
Rosławska, A.	Tue-11:10-O-MOL
Rothhardt, D.	Mon-PP-5
Ryan, P.	Wed-17:50-O-WES
	Mon-12:10-O-OXY Mon-15:20-O-2DM Mon-17:30-O-AEM Thu-15:40-O-2DM Mon-PP-52
S	
Sabath, F.	Wed-15:00-O-MS14
Sacchi, M.	Thu-15:20-O-MS02 Thu-15:40-O-MS02
Sadowski, J.	Fri-11:30-O-PL Mon-PP-7
Sala, A.	Thu-14:20-O-2DM
Salamone, T.	Tue-14:00-K-MS10
Sánchez-Loredo, M.G.	Tue-14:55-O-MS10
Sarkar, S.	Mon-11:30-O-MOL
Sartori, A.	Wed-PP-25
Sbai, A.	Mon-PP-28
Schmidt, P.P.	Wed-17:50-O-S&A
Schröder, C.	Mon-11:10-O-CAT
Schusser, J.	Thu-11:50-O-MS07 Thu-12:10-O-MS07
Sequeira, M.	Mon-15:10-O-MS03

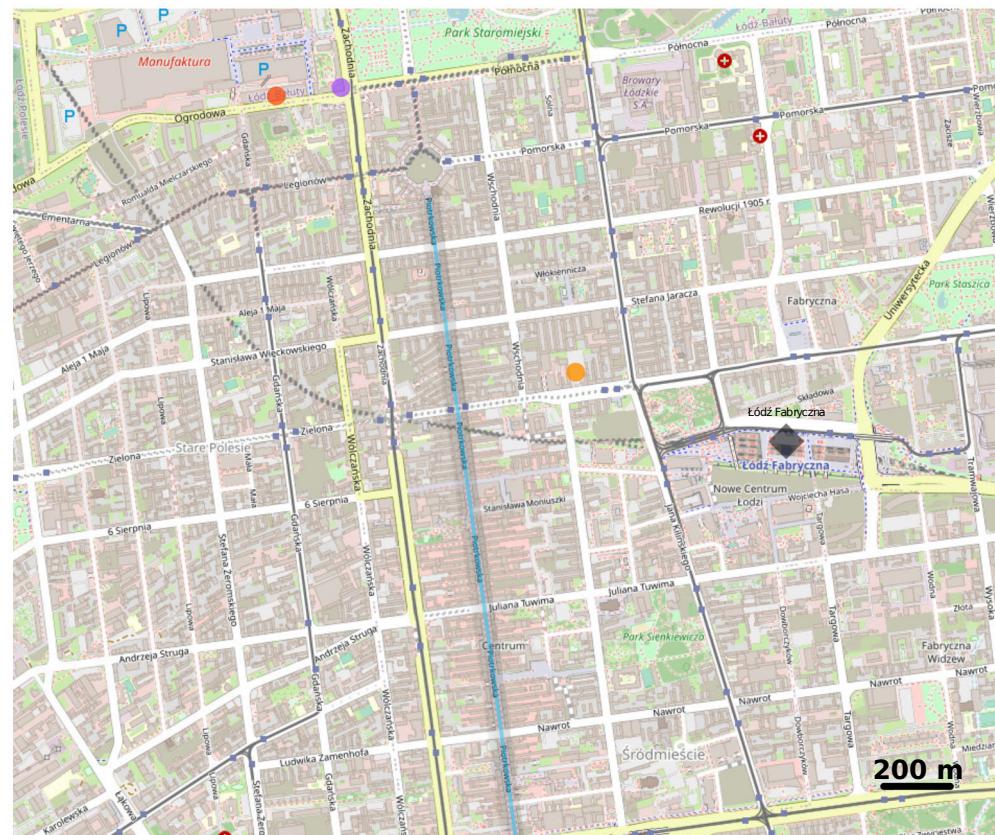
Setvin, M.	Mon-11:10-O-OXY Mon-11:30-O-OXY Tue-15:20-O-CAT
Sharifahmadian, O.	Thu-14:20-O-S&A
Shibuta, M.	Wed-PP-15
Shin, H.	Mon-17:30-O-MOL
Shuttleworth, I.	Wed-PP-28
Sia, R.C.	Thu-17:10-O-ATM
Siebert, A.	Wed-10:50-O-ENM
Sierda, E.	Wed-17:30-O-MOL
Sim, E.	Thu-17:10-O-S&A
Simmons, M.	Fri-10:30-PL
Simões e Silva, W.	Tue-11:10-O-OXY Mon-PP-10
Sjö, H.	Mon-16:50-O-AEM
Smarzewska, S.	Wed-PP-31
Smyczek, J.	Mon-11:10-O-CAT Mon-PP-41
Sobota, M.	Tue-15:00-O-OXY
Sofer, Z.	Wed-10:30-K-MS06 Thu-11:10-F-MS04
Son, H.J.	Thu-17:30-O-S&A
Sovizi, S.	Tue-11:30-O-2DM
	Wed-11:30-O-MS08 Wed-17:30-O-MS02 Mon-PP-34 Mon-PP-43 Wed-PP-12
Spiridis, N.	
Spriano, S.	Tue-10:50-O-MS15
Sroka, M.	Wed-14:40-O-S&A
Stadtmüller, B.	Mon-11:10-O-MS11 Mon-11:30-O-MS11 Mon-11:50-O-MS11
Starr, D.E.	Wed-16:30-F-MS14
Stefaniuk, T.	Wed-11:30-O-MS13
Sterrer, M.	Mon-12:10-O-MS11 Tue-15:00-O-CAT Thu-16:30-K-MS02
Stępniak-Dybala, A.	Mon-11:10-O-2DM Thu-16:30-I-2DM Wed-PP-8
Su, W.	Mon-15:00-O-AEM
Suchodót, M.	Mon-PP-24
Sudhama, A.	Mon-PP-50
Sun, Z.	Thu-10:50-O-2DM
Szabelski, P.	Wed-17:50-O-MOL Mon-PP-15
Szałowski, K.	Mon-15:20-O-2DM Tue-15:00-O-MAG Mon-PP-38
Szczefanowicz, B.	Wed-14:40-O-2DM
Szczepanik, M.	Wed-10:30-O-MS08 Wed-11:30-O-MS08 Wed-12:10-O-MS08 Thu-15:40-O-2DM
Szenti, I.	Mon-15:40-O-CAT
Szkudlarek, A.	Wed-10:50-O-MS13
Szozkiewicz, R.	Mon-14:40-O-2DM Tue-11:30-O-2DM
Szramowski, H.	Mon-PP-29
Szymańska, A.	Wed-11:10-O-MS13 Wed-11:50-O-MS13
Szymczak, P.	Wed-11:50-O-MOL Mon-PP-8
Ślęczkowski, P.	Wed-15:20-O-MOL
T	
Takezawa, S.	Wed-PP-49
Tamtogl, A.	Thu-15:40-O-MS02
Tanaka, S.	Thu-11:50-O-2DM
Tanaka, S.	Wed-PP-16
Tanemura, M.	Mon-17:50-O-ISI
Taner camci, M.	Thu-15:00-O-ECH
Tarnawski, T.	Wed-PP-30
	Tue-14:40-O-2DM Wed-17:10-O-2DM Thu-12:10-O-MS05
Tatarczak, P.	
Tautz, S.	Mon-10:30-K-MS11
Tegenkamp, C.	Mon-10:30-I-2DM
Teichert, C.	Tue-10:30-O-2DM
Tenorio, M.	Wed-11:30-O-MOL
Thirugnanasambandam	
Masilamani, M.P.	Wed-PP-2
Tinkamanyire, F.	Tue-11:10-O-CAT
	Mon-12:10-O-OXY Mon-15:20-O-2DM
Toczek, K.	Mon-17:30-O-AEM Thu-15:40-O-2DM Thu-17:30-O-ATM Mon-PP-52
Tonelli, A.	Tue-11:50-O-2DM Wed-12:10-O-2DM
Torres-Vila, P.	Mon-PP-37

Trouton, M.	Wed-PP-38
Tsukahara, N.	Thu-11:50-O-MOL
Tumino, F.	Wed-PP-11
U	
Ünzelmann, M.	Thu-11:50-O-MS07
V	
Váreka, K.	Mon-15:20-O-CAT
Vattuone, L.	Thu-15:00-O-MS02
Vesel, A.	Mon-PP-33
Vestergaard, A.	Thu-11:50-O-ECH
Virchenko, V.	Wed-PP-23
Volobuev, V.	Wed-11:00-K-MS08
Volosheniu, S.	Thu-14:40-O-MS09
von Klitzing, K.	Mon-09:00-PL
Vorochta, M.	Thu-17:10-O-FNS
W	
Wachowicz, E.	Mon-14:00-O-2DM Wed-11:50-O-2DM
Wadge, A.	Wed-11:50-O-MS08
Walczak, L.	Wed-PP-13
Walden, R.	Wed-11:30-O-ENM
Waleska-Wellhofer, N.	Mon-15:40-O-MOL Mon-PP-3 Wed-PP-24
Wang, X.	Thu-17:30-O-2DM
Warda, K.	Mon-PP-39 Wed-PP-47
Warszyński, P.	Tue-10:30-O-MS15
Weinert, T.	Wed-17:10-O-S&A
Weiss, T.	Mon-11:10-O-MOL
Wilczyński, K.	Thu-11:30-O-MS05
Winter, L.	Mon-14:40-O-CAT
Wolanin, B.	Mon-17:10-O-AEM
Wrana, D.	Mon-11:10-O-OXY Mon-11:30-O-OXY
Wróbel, P.	Wed-11:10-O-MS13 Wed-11:50-O-MS13
Wu, X.	Wed-18:10-O-MOL
Wöhrl, F.	Wed-18:10-O-MS02
Wulfhekel, W.	Mon-10:30-I-MOL

Wysmołek, A.	Tue-14:40-O-2DM Wed-17:10-O-2DM Thu-12:10-O-MS05
X	
Xu, W.	Mon-15:20-O-MOL
Y	
Yamane, A.	Wed-PP-41
Yang, J.	Thu-17:30-O-MS02
Yao, M.	Thu-11:30-O-MS07
Ye, C.	Wed-14:00-O-MOL Wed-15:00-O-MOL
Z	
Zaier, R.	Wed-17:10-O-OPN
Zaraska, L.	Thu-15:40-O-ECH Mon-PP-42
Zawadziński, K.	Wed-PP-22
Zawieja-Bartosińska, I.	Wed-PP-29
Zdyb, A.	Wed-PP-51
Zdyb, R.	Mon-11:10-O-2DM Mon-17:30-O-2DM Thu-16:30-I-2DM Wed-PP-4
Zheng, F.	Mon-PP-15 Mon-PP-16
Zuzak, R.	Mon-15:00-O-MOL



CITY MAP



● **Conference Venue** - Vienna House Andel's

● **Welcome Reception** - Poznański Palace, Museum of the City of Łódź

● **Concert** - Arthur Rubinstein Philharmonic Concert Hall

Piotrkowska Street

