| W01 | Welcome to OZ-16 | Bernd Clemens  
Major of the City of Wenden  
Prof. Dr. Monte Cassim  
Vice Chancellor  
Prof. Dr. Henning Zoz  
President & CEO | City of Wenden  
D-57482 Wenden, Germany  
Ritsumeikan University  
525-8577 Shiga, Japan  
Zoz Group  
D-57482 Wenden, Germany |
| W02 | Welcome to Germany | Garrelt Duin  
State Economic Minister | Ministry of Economic Affairs  
Duesseldorf, Germany |
| W03 | Welcome to Technology | Prof. Dr. Johann D. Woerner  
General Director | esa - European Space Agency  
Paris, France |
| W04 | Welcome to Europe | Prof. Dr. Felix Unger  
President | European Academy of Sciences and Arts  
Salzburg, Austria |
| W05 | Welcome from China | Mr. Xiaofan Xie  
Executive Vice President | China Municipal Construction Association  
Beijing, China |
| CL-D | Man Machine Interface in Rehabilitation of Human Movement - Technological Challenges | Dipl.-Ing. Dr. Hans Dietl  
CTO | Otto Bock Group  
A-1070 Vienna  
Austria |
| CL-J | Bulk Metallic Glasses; Development, Applications and Future Prospect | Prof. Dr. Akihisa Inoue  
Director | Josai University  
Tokyo 102-0094  
Japan |
| CL-W | Innovations by Scientific Surprises and Long-term Development | Prof. Dr. Wolfgang Kaysser  
Director | Helmholtz-Zentrum Geesthacht  
D-21502 Geesthacht  
Germany |
| V01 | Mechanical Milling and Terabytes | Dr. Pavan Suri  
Director of R&D  
Magnetic Data Storage Div. | Heraeus Performance Products  
Singapore 638043  
Republic of Singapore |
| V02 | On the Development of Nanostructured Ferritic Alloys for Advanced Fuel Clad Applications in Nuclear Reactors | Dr. David T. Hoelzer  
Senior Research Scientist | Oak Ridge National Laboratory  
Oak Ridge, TN 37831  
USA |
| V03 | Development of Nanostructured Materials using Simoloyer Technology at Zoz-ARCI Center | Dr. Ravula Vijay  
Scientist ‘F’ and Team Leader  
Centre for Nanomaterials | Advanced Research Centre (ARCI)  
Hyderabad - 500005  
India |
| V04 | New product vision for Aerospace by applying of new lightweight aluminium technologies | Dr. Blanka Lenczowski  
Senior Expert Materials Technology | Airbus Group Innovations  
D-85521 Ottobrunn  
Germany |
| V05 | Nano-precision Grinding with ELID (Electrolytic In-process Dressing) and Nano-diamond | Prof. Dr. Hitoshi Ohmori  
Director, Chief Scientist | RIKEN-Itabashi Coop. Research Center  
Tokyo, 174-0041  
Japan |
| V06 | Forisomes as smart biomaterial in microscale and nanoscale devices | Prof. Dr. Dirk Prüfer  
Head of Plant Biopolymers &  
Vice Dean | Fraunhofer-IME & Westp. Wilhelms-Uni.  
D-48143 Muenster  
Germany |
| V07 | Nanostructured Coatings as Key Design Element for the Mobility of Tomorrow | Dr. Yashar Musayev  
Senior Vice President, Surface Technology | Schaeffler Technologies AG & Co. KG  
D-91074 Herzogenaurach  
Germany |
| V08 | Powder Metallurgy of Advanced Materials | Prof. Dr. Jürgen Eckert  
Director, Erich Schmid Institute of Materials Science | Montan-University Leoben - ESI  
A-8700 Leoben  
Austria |
| V09 | Hydrogen: key technologies for a sustainable energy system | Dr. Klaus Bonhoff  
Managing Director | NOW GmbH  
D-10623 Berlin  
Germany |
| V10 | Composite concrete wall panels for shielding military buildings | Capt. Orlando Gutiérrez Obeso  
Head of Research | Escuela Militar de Ingenieros EMI  
11400 Mexico D.F.  
Mexico |
| V11 | Sustainable Tire Materials | Dr. Carla Reckers  
Head of Expertfield Materials Chemistry | Continental Reifen Deutschland GmbH  
D-30419 Hannover  
Germany |
| V12 | Consolidation of Nanostructured Powders into Bulk Nanostructured Materials | Dr. Tony F. Zahrah  
President | Matsys Inc.  
Sterling, VA 20164  
USA |
| V13 | The role of nanostructure for hydrogen storage | Prof. Dr. Andreas Zittel  
Director LMER, Head of section “Hydrogen & Energy” | EMPA  
CH-8600 Dübendorf  
Switzerland |
| V14 | Graphene’s potential impact in the internet of everything | Dipl.-Ing. Ivica Kolaric | Department Manager | Fraunhofer-IPA | D-70569 Stuttgart | Germany |
| V15 | „Industrial scale solid state hydrogen storage - recent advancements and applications” | Roland Kappler | Global Director Hydrogen | GKN Sinter Metals | D-42477 Radevornwald | Germany |
| V16 | Development of Ultra-Fine-Grained Creep-Resistant Aluminum Alloys by High-Energy Milling | Prof. Dr. Ulrich Krupp | Head of Institute of Materials Design & Structural Integrity | Osunabreck University of Applied Sciences | D-49076 Osunabreck | Germany |
| V17 | Two-Dimensional Materials: Potential Applications in Micro- and Nanoelectronics | Prof. Dr. Max C. Lemme | Graphene-based Nanotechnology | University of Siegen | D-57076 Siegen | Germany |
| V18 | Super precise polishing technologies contributing Micro/Nano technologies | Ms. Yuko Akabane | CEO & President | TDC Corporation | Tokyo 101-0052 | Japan |
| V19 | Nanoscale HGS and mGS electrocatalysts for the oxygen reduction reaction (ORR) in a PEM fuel cell | Dr. Volker Peinecke | Head of Department Electrochemistry & Coating | ZBT GmbH - the fuel cell research center | D-47057 Duisburg | Germany |
| V20 | Grain Boundary Alloying in Nanocrystalline Metals, from Theory to Practice | Prof. Christopher A. Schuh | Head of Materials Science & Engineering and the Danae | Massachusetts Institute of Technology | Cambridge, MA 02139 | USA |
| V21 | Magnesium for light vehicles and in 3D printing in Korea | Dr. Min Cheol Kang | Executive Director | Korea Magnesium Technology Research Association | 641-465 Changwon City | Korea |
| V22 | Novel Graphene Based Materials for Diverse Applications | Dr.-Ing. V. V.S.S. Srikanth | Assistant Professor | University of Hyderabad | Hyderabad - 500046 | India |
| V23 | Metallurgy Europe: the new EUREKA cluster in the field of materials science | Prof. Dr. H.-J. Fecht, Director Institute Micro-Nanomaterials EUREKA Metallurgy Europe | University of Ulm | D-89081 Ulm | Germany |
| V24 | Fabrication and characterization of surface composite layers produced by ultrasonic-assisted shot impact treatment | Prof. Dr. Sergey Komarov | Tohoku University | Sendai, 980-8579 | Japan |
| V25 | Present Major Goals in Nanostructures & Concluding Remarks | Prof. Dr. Henning Zoz | CEO & President | Zoz Group | D-57482 Wenden | Germany |

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| P02 | Aluminum bars produced by Spark Plasma Sintering SP5 and Extrusion SPE | Prof. Dr. Sebastián Díaz de la Torre | CITEC-JPN | C.P. D.F. 02250 Santa Maria, Azcapotzalco México |
| P03 | Multi-modal mobility concepts of the future - service innovation as a systemic process | Feriha Ondemir | Research Associate & Doctorate Student | University of Siegen | D-57076 Siegen | Germany |
| P04 | Comparative Tensile Strength of Aluminum Flat-Strip-Composites by High Energy Milling and Hot Extrusion | Prof. Dr. Sebastián Díaz de la Torre | CITEC-JPN | C.P. D.F. 02250 Santa Maria, Azcapotzalco México |
| P05 | Intelligent Eco Surfaces on Statues and Buildings-Cut Down on Emissions | Dr. Jan Prochážka | President | Advanced Materials JTJ s.r.o. CZ-27301 Kamenné | Czech Republic |
| P06 | Preparation of Carbon Nano tube /Copper-base (CNT/Cu) Composite powder by Electro-deposition & High Energy Milling | Prof. Dr. Xiaolan Cai | Faculty of Metallurgical and Energy Engineering | Kunming University of Science & Technology | 650093 Kunming, Yunnan | P. R. China |
| P07 | The landscape of the Cement Industry in China | Dr. Xiang-Qian Zhou | CEO | Jiangsu Sino-GIC Co., Ltd Changzhou 213000 | P. R. China |
| P08 | Go green - piezotransducers for high temperature applications | Prof. Dr. Pasala Sarah | Basic Sciences Dean & Vice Principal | Vardhaman College of Engineering | Hyderabad - 500020 | India |
| P09 | Dynamic Light Scattering 2.0 - increased sensitivity for nanoparticles using the Frequency shift method instead of PCS | Dr. Thomas Benen | Sales Manager D-A-CH | Microtrac GmbH | D-47807 Krefeld | Germany |
P10 A novel approach in the field of austenitic ODS steels
M.Sc. Tim Gräning
Doctoral Student
Karlsruhe Institute of Technology - KIT
D-76131 Karlsruhe
Germany

P11 Innovative processes & products using applied research in the state of the art in Electrochemistry
Dr. Nélio Vicente Júnior
Chief Researcher Materials
SENAI Innovation Inst. for Electrochemistry
80530-902 Curitiba
Brazil

P12 Substitution of commercial chemicals by activated by-products for solidification / stabilization of contaminated soils.
Dr. Hervé Bréquel
Head of Research Collaboration
Centre Terre et Pierre (CTP)
B-7500 Tournai
Belgium

P13 Fabrication on the Moon using Lunar Regolith
M.Sc. Miranda Fateri
PhD student, Head of Glass Dept.
FH Aachen, University of Applied Sciences
D-52064 Aachen
Germany

P14 High performance zinc-flake pigments by high kinetic processing for anti-corrosive coatings with manifold applications
Mr. Deniz Yigit
Head of R&D Division
Zoz GmbH
D-57482 Wenden
Germany

P15 Hydrogen related activities at Zoz GmbH
Dipl.-Ing. Andreas Franz
Hydrogen Storage & H2Tank2Go® modules
Zoz GmbH
D-57482 Wenden
Germany

P16 From slag to High Performance Concrete - manufacturing FuturBeton
Dr. Birgit Funk
Coatings & Cement, Chemistry
Zoz GmbH
D-57482 Wenden
Germany

P17 Mechanical relaxation behaviour in several metallic glasses
Dr. Chaoren Liu
solid state absorber & battery
Zoz GmbH
D-57482 Wenden
Germany

P18 MgH2 sorption kinetics and electrochemical battery performance in thin films
M.Sc. Efi Hadjixenophonotosk
PhD student, Early Stage Researcher
University of Stuttgart
D-70569 Stuttgart
Germany

P19 Nanoconfined metal hydride as anode of Li-ion batteries
M.Sc. Priscilla Huen
PhD Student
Aarhus University, iNANO
DK-8000 Aarhus C
Denmark

P20 Tuning the hydrogen storage properties of the rare-earth borohydrides by forming bimetallic compounds
M.Sc. Seyyed hosein Payande
Gharibdoust
PhD Student
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P21 Development of nanoscaled ODS Steels at Kyoto University and KIT
Prof. Dr. Akihiko Kimura
Director
Dipl.-Ing. Rainer Lindau
Senior Researcher
Kyoto University
Kyoto 606-8501, Japan
Karlsruhe Institute of Technology - KIT
D-76131 Karlsruhe, Germany

P22 Accident Tolerant Fuel Cladding R&D - ODS Steels with high corrosion resistance
Prof. Dr. Akihiko Kimura
Director
Kyoto University
Kyoto 606-8501
Japan

P23 Ball mills as tools for sustainable syntheses
Dr. Achim Stolle
Institute for Technical & Environmental Chemistry
Friedrich Schiller University Jena
D-07743 Jena
Germany

P24 Mechanochemistry and solid-state syntheses by reactive milling including scale up
Prof. Dr. Gerd Kaupp
University of Oldenburg
D-26111 Oldenburg
Germany

P25 Nanostructured Materials for Hydrogen Technology as Key for Sustainable Mobility
Prof. Dr. Thomas Klassen
Director of Materials Technology Div. at HZG
Head of the Institute of Material Science at HUZ
Helmholtz-Zentrum Geesthacht - HZG
D-21502 Geesthacht, Germany
Helmhut-Schmidt-University - HSU
University of the Federal Armed Forces at Hamburg, D-22043 Hamburg, Germany

P26 Microstructure and mechanical properties of Cu3Nb1,4 alloys prepared by ball milling and high pressure torsion compacting
Prof. Dr. Peter Hosemann
Assoc. Professor & Vice Chair Dept. of Nuclear Engineering
University of California - Berkeley
California, 94720 USA

P27 Polyfunctional building elements through 3D printing
Prof. Dipl.-Ing. Heike Matcha
Construction & Architecture
FH Aachen - University of Applied Sciences
D-52066 Aachen
Germany

P28 Corrosion of Magnesium in simulated Physiological Conditions - X-Ray computed Micro-Tomography Analysis
Dr. Ladislav Celko
Deputy Head of Research Group - Senior Researcher
Brno University of Technology
64999 Brno
Czech Republic

P29 Influence of technological parameters on a quality of atmospheric plasma sprayed Al2O3+13%TiO2 and Cr2O3 coatings
Ing. David Jech
PhD student
Brno University of Technology
64999 Brno
Czech Republic

P30 Morphology Influence on Conductivity in (LiNH2)x(LiBH4)1-x
M.Sc. Anna Wolczyk
Early Stage Researcher
Università degli Studi di Torino (UNITO)
IT-10153 Turin
Italy

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<th>Nuclear Research Centre Negev Be’er Sheva 84190 Israel</th>
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<td>M.Sc. Christine Burmeister Ph.D. student</td>
<td>Technische Universität Braunschweig D-38106 Braunschweig Germany</td>
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<th>Dr. Ullrich Gunst Director</th>
<th>Analytical Tribology Network (ATN) D-48053 Muenster Germany</th>
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<td>Dr. Birgit Funk Coatings &amp; Cement, Chemistry</td>
<td>Zoz GmbH D-57482 Wenden Germany</td>
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All presentations:
Austria, Belgium, Brazil, China, Czech Republic, Denmark, France, Germany, India, Israel, Italy, Japan, Korea, Mexico, Singapore, Switzerland, USA