Final List of the Full Talk

T - Tutorial lecture

* Eckhard Bill & Shengfa Ye, Germany, Applied-field Mössbauer investigations of paramagnetic iron compounds
* Jean-Marc Greneche, France, Mössbauer Spectrometry applied to Fe-based nanostructures
* Michael Reissner, Austria, Investigation of magnetic structures with high-field Mössbauer spectroscopy
* Ilya Sergeev, Germany, Nuclear resonance scattering with high energy Mössbauer transitions

K - Keynote lecture

* Kupenko I., Universität Münster, Germany, Magnetic Transitions in Fe_2O_3 at High Pressures: Magnetism in the Earth's Mantle
* Schröder C., University of Stirling, UK, In-situ Mössbauer Spectroscopy on Mars – in Memoriam and Tribute to Göstar Klingelhöfer
* Renz F., Leibniz University Hannover, Germany, Göstar Klingelhöfer Memorial Talk – My Way and the Future of MIMOS
* Zhu S.-Y., China Institute of Atomic Energy, China, Study of Nuclear Structure in Mid-weight Mass Region of A=80-Quasi Particle Alignment and Magnetic Rotation
* Lippens P.-E., CNRS, University of Montpellier, France, Electrochemical Reactions of Tin Based Anode Materials in Alkali-ion Batteries

A - Award lecture

1. The IBAME Science Award 2019

* Esen Ercan Alp from Argonne National Laboratory, USA, for his outstanding contributions to the development of synchrotron radiation techniques based on the Mössbauer effect; Title: Three decades of Nuclear Resonant Scattering at Synchrotrons: Present and Future Opportunities
* Israel Nowik from the Hebrew University of Jerusalem, Israel, for his numerous high-level contributions to science based on the applications of the Mössbauer effect; Title: Sixty years of research by Mössbauer spectroscopy

2. The IBAME Young Scientist Award 2019

* Esen Ercan Alp from Argonne National Laboratory, USA, for his outstanding contributions to the development of synchrotron radiation techniques based on the Mössbauer effect; Title: Three decades of Nuclear Resonant Scattering at Synchrotrons: Present and Future Opportunities
* Israel Nowik from the Hebrew University of Jerusalem, Israel, for his numerous high-level contributions to science based on the applications of the Mössbauer effect; Title: Sixty years of research by Mössbauer spectroscopy

I - Invited lecture

* Stefaan Cottenier, Belgium, Learning from precision evaluation studies. And learning about hyperfine interactions
* Jiangang Chen, China, Mössbauer investigation on fused iron catalysts for α-olefin synthesis via fischer-tropsch route
* Liang Deng, China, ^{57}Fe Mössbauer spectroscopic feature of low-coordinate iron complexes with N-heterocyclic carbene ligation
* Jörg Evers, Germany, X-ray quantum optics with Mössbauer nuclei
* Iana Glazkova, Russia, Charge, orbital and spin orderings in perovskite-like manganites: probe Mössbauer diagnostics
* Zoltán Klencsár, Hungary, Further development of the database of the Mössbauer Effect Data Center
* Ilya Kupenko, Germany, Magnetic transitions in Fe_2O_3 at high pressures: magnetism in the Earth's mantle
* Stjepko Krehula, Croatia, Structural, optical and photocatalytic properties of elongated Cu-, Co- and Sn-doped goethite and hematite nanoparticles

* Shiro Kubuki, Japan, Mössbauer study of iron-silicate glass-ceramics prepared from domestic waste slag exhibiting visible-light activated photocatalytic effect
* Jianfeng Li, China, Electron structures and nuclear vibration energy spectra of heme carbene derivatives
* Tao Liu, China, Manipulating spin transition to achieve switchable multi-functions
* Pierre-Emmanuel Lippens, France, Electrochemical reactions of Tin based anode materials in alkali-ion batteries
* Miroslav Mashlan, Czech Republic, Past, present and future of Mössbauer spectrometer designs
* César Augusto Barrero Meneses, Colombia, Synthesis and characterization of akaganeites formed in presence of cations and their use as adsorbent of contaminants in water
* Zoltán Németh, Hungary, Comprehensive Mössbauer and X-ray spectroscopic studies on reengineered molecular switches
* Franz Renz, Germany, Göstar Klingelhöfer memorial talk - The future of MIMOS
* Christian Schröder, United Kingdom, In-situ Mössbauer spectroscopy on Mars - In memoriam and tribute to Göstar Klingelhöfer
* Svetoslav Stankov, Germany, Lattice dynamics of rare-earth silicide nanostructures: films, islands, wires
* Aiqin Wang, China, Sructure determination of atomically dispersed Fe-N-C catalysts by Mössbauer sepctroscopy
* Shengyun Zhu, China, Study of nuclear structure in mid-weight mass region of A=80-quasi particle alignment and magnetic rotation

Y - Young Scientist lecture

* Bessas D., ESRF - The European Synchrotron (France),On a Hyperfine Tnteraction in E-Fe
* Bogusz P., Warsaw University of Technology (Poland), Mössbauer Spectroscopy as a Useful Method for Distinguishing Between Real and False Meteorites
* Krishnadas A., Okinawa Institute of Science and Technology (Japan), High-pressure Magnetic Phase of Euga4
* Tarrago M., Max Planck institute for Coal research (Germany),Understanding the Unique Magnetic Properties of Planar [Fe(II)(Tpp)] – a Complex With Unquenched Orbital Momentum
* Wandzilak A., Max Planck Institute for Chemical Energy Conversion (Germany), NRVS and NFS Study of an N_2-Reducing Molecular Iron-potassium Complex
* Ariëns M.I., Eindhoven University of Technology (The Netherlands),Towards the Development of a Chromium Free High Temperature Water Gas Shift Catalyst

C – Contributed lecture

* Rüffer R., ESRF (France), Hard X-ray Spectroscopy with "Newtons's Prism"
* Tsutsui S., SPring-8 (Japan), Magnetic Properties and Lattice Dynamics in Type-I Clathrate $Eu_8Ga_{16}Ge_{30}$ through ^{151}Eu Mössbauer Effect and Magnetic Circular Dichroism
* Klauss H.-H., Institute of Solid State and Materials Physics, TU Dresden (Germany), Magnetic Field Tuning of Spin Dynamics in the Single-atom Magnet $Li_2(Li_{1-X}Fe_x)N$
* Kitase K., Toho University (Japan), 2D Spin-Crossover Complex Fe(4-methylpyrimidine)$_2$[M(Cn)$_2$]$_2$ (M = Ag, Au)
* Shongwe M.S., Sultan Qaboos University (Oman), Development of Multiple Spin-transition Profiles within an Iron$^{(III)}$-based Molecular System
* Guo Y.-N., Université Catholique de Louvain (Belgium),Water of Crystallization in Function of Iron$^{(II)}$-Based Molecular Sensor
* Alenkina I.V., Ural Federal University (Russia), Human Spleen and Liver: Application of Magnetization Measurements and Mössbauer Spectroscopy for Comparison of Healthy Donors and Patients with Hematological Malignancies
* Kohout P., Palacky University Olomouc (Czech Republic), Evaluation of Mössbauer Spectra Linearization Methods
* Goncharov A.G., Saint Petersburg State University (Russia), Mössbauer and EPR Studies of Iron Environments in Impact Assemblage of Zhamanshin Crater

* Kierlik P., University of Silesia (Poland),The Transformations of Iron-containing Phases in the Natural Environment Investigated by Mössbuaer Spectroscopy
* Kawauchi T., The University of Tokyo (Japan), Mössbauer Spectroscopy of B20-type FeGe Thin Film Epitaxially Grown on Si(111)
* Thomas A., University of Tennessee Space Institute (USA),Valence States of Europium in Rare Earth Doped Lead Borate Glasses
* Zhu K.-X., Dalian Institute of Chemical Physics, Chinese Academy of Sciences (China),The Application of Mössbauer Spectroscopy in Catalytic Activation of Peroxymonosulfate on Ferrites
* Lehlooh A.-F., Yarmouk University (Jordan), Mössbauer Spectroscopy Study of M-type Hexaferrite ($BaFe_{12-x}Ti_xO_{19}$) Prepared by Sol-gel Method
* Wang L., Jilin Normal University (China), The Structure, Magnetic Properties and Cation Distribution of $Co_{1-x}Ni_xFeO_4$ Nanoparticles Synthesized by Sol-gel Methoddents with Hematological Malignancies
* Sattarov S.A., Jizzakh Plitechnical Institute(Uzbekistan), Dynamics of Oscillations of Impurity Iron Ions in CaF_2 and SrF_2 Crystals
* Evans A.W., University of Tennessee Space Institute (USA), Mössbauer Spectroscopy of Metallic Iron Nanoparticles
* Sharmin S., University of Tsukuba (Japan), Effect of Etching on Spin Canting in Hydrothermally Synthesized Co-Ni Ferrite Particles
* Plazaola F. , University of the Basque Country UPV/EHU (Spain), Effect of Co Addition and Internal Stress on the Nanoscale Magnetim in $Ni_{50}Mn_{37}Sn_{13}$ Metamagnetic Alloy
* SzymalÍski K., University o1 Bialystok (Poland), Seperation of Electric Field Gradient and Hyperfine Magnetic Field Using Unpolarized Radiation in ^{57}Fe MS
* Nomura K., Tokyo Metropolitan University (Japan), Curie Temperature Increase in ^{57}Mn Implanted $Y_3Fe_5O_{12}$
* Yamada Y., Tokyo University of Science (Japan), In-beam Mössbauer Spectra of ^{57}Mn Implanted into Solid Sulfur Hexafluoride
* Sharma V.K., Texas A&M University (USA), Mössbauer Spectroscopy in Environmental Applications of Ferrates
* Scrimshire A., Sheffield Hallam University (UK), Structural Role of Iron in Nepheline-based Aluminosilicates for Nuclear Waste Applications
* Jartych E., Lublin University of Technology (Poland), In-field Mössbauer Spectroscopy Studies of Iron-based Multiferroic Delafossites
* Nakashima S., Hiroshima University (Japan), Study on Paddy Soil in Fukushima Using Mössbauer Spectroscopy
* Kuncser V., National Institute of Materials Physics (Romania), Mössbauer Spectroscopy Explaining Specific Magneto-functionalities in Re-Fe Amorphous Thin Films
* Han M.-G., University of Electronic Science and Technology of China (China), Developing Electromagnetic Materials Using Mössbauer Effect
* Zheng G.-D., Institute of Geology and Geophysics, Chinese Academy of Sciences (China), Iron Speciation by Mössbauer Spectroscopy and Its Implications in Various Studies on Petroleum Geosciences
* Kitao S., Kyoto University (Japan), Magnetic Microstructures in Fe-Ni-C Alloy Studied by Nuclear Resonant Small-angle Scattering
* Ghafari M., Nanjing University of Science and Technology (China), Magnetic Properties of Nanoglasses
* Sakshath S., Technische Universität Kaiserslautern (Germany), Picosecond Dynamics of Optically Excited Solids by Time-resolved Nuclear Resonant Scattering
* Schünemann V., Technische Universität Kaiserslautern (Germany), Influence of Ligand Substitution on Magnetic Hyperfine Interaction in Dy6-Based Single-Molecule Magnets/Toroics
* Kitazawa T., Toho University (Japan), ^{237}Np Mössbauer Spectroscopy Evolution for 4-Cyanopyridine Coordinated $Neptunyl^{(II)}$ Complex

* Hanzel D., “Jozef Stefan” Institute (Slovenia),The Effect of Oxidant Species on Direct, Non-syngas, Conversion of Methane to Methanol Over $FePO_4$ Catalyst Material
* Lázár K., Centre for Energy Research, Hungarian Academy of Sciences (Hungary), Electric Explosion of Metallic Ribbons in Water