Scientific Programme

Time	Sunday, August 25th
14:00 – 19:00	**Registration**
17:00 – 17:30	**Opening Ceremony**
17:30 – 18:15	**Lecture Theatre** **Chair: Tim Storr** **PL1: Sylvestre Bonnet** *Ruthenium-based PhotoActivated ChemoTherapy: progresses and challenges*
18:30 – 20:30	**Welcome Reception**

Time	Monday, August 26th			
9:00 – 9:45	**Lecture Theatre** **Chair: Kallol Ray** **PL2: Miquel Costas** *Minimalistic Models of Oxotransferases as Catalysts for Site and Enantioselective Oxidation Reactions*			
	Lecture Hall A	**Lecture Hall B**	**Lecture Hall C**	**Lecture Hall D**
	Chair: Franc Meyer	**Chair: Ulf-Peter Apfel**	**Chair: Marcel Swart**	**Chair: Anne Duhme-Klair**
10:00 – 10:30	**KL1: Hannah Shafaat** *Elucidating Determinants of Two-Electron Oxidative Reactivity in a Mn/Fe Metalloprotein*	**KL2: Johannes Messinger** *Photosynthetic water oxidation: structures and mechanism*	**KL3: Müge Kasanmascheff** *Correct metallation or mismetallation? That is the question!*	**KL4: Nicolai Lehnert** *Investigation of the Reaction Mechanism of Flavodiiron Nitric Oxide Reductases Using Synthetic Model Complexes*
10:30 – 10:50	**IL1: Stefano Ciurli** *The molecular details of the role of Ni(II) and HypA in Helicobacter pylori pathogenesis*	**IL2: Marine Desage-El Murr** *Revisiting redox cofactors for selective electron transfer*	**IL3: Kallol Ray** *Small Molecule Activation at Transition Metal Centers: Structure-Function Correlations*	**OL1: Nick Le Brun** *Towards Elucidation of the Molecular Basis of Iron Sensing in Plants*
10:50 – 11:10	**OL2: Jonathan Worrall** *Time-resolved serial femtosecond crystallography and synchronous X-ray emission spectroscopy to capture ferryl heme intermediates in the peroxidase cycle*	**OL3: Radu Silaghi-Dumitrescu** *Beyond the coordination chemistry of metal-corrin / cobalamin derivatives with oxidizing agents: exploring the scope and the physiological relevance*	**OL4: Filipe Folgosa** *The role played by the multiple domains in the intramolecular electron transfer and enzymatic activity of flavodiiron proteins*	**OL5: Ricardo O. Louro** *Flavin-containing siderophore-interacting protein of Shewanella putrefaciens DSM 9451 reveals substrate specificity in ferric-siderophore reduction*
11:10 – 11:40	**Coffee Break**			
	Chair: Kushal Sengupta	**Chair: Niko Lindlar**	**Chair: Irene Regeni**	**Chair: Sina Götzfried**
11:40 – 11:55	**OL6: Larissa Kurth** *Development of a Photocatalytic Biohybrid System for [FeFe]-Hydrogenase-Driven Hydrogen Production*	**OL7: Agnieszka Stańczak** *Unravelling tyrosinase reaction mechanism: interplay between experiment and theory*	**OL8: Tabea Lenz** *Determination of Ag(I) ion binding sites in B-DNA: an NMR spectroscopic perspective*	**OL9: Jiaxin Fang** *Immuno-chemotherapeutic cobalt(III) complexes*
11:55 – 12:10	**OL10: Chizuru Kasahara** *[FeFe]-hydrogenase Mimicking Complexes for Photocatalytic H_2 Evolution−Molecular Dyad and Mixture Approach*	**OL11: Mathijs Veen** *Recruiting Noble Metals for Artificial Metalloenzymes*	**OL12: Luisa D'Anna** *Experimental and computational approaches for interaction studies between Salphen metal complexes and RNA G-Quadruplexes in Sars-CoV2 genome*	**OL13: Rachel Maclean** *Bifunctional Bis(thiosemicarbazonato) Technetium-99m Nitrido Complexes for Prostate Cancer Imaging*
12:10 – 12:25	**OL14: Larissa Laurini** *Bisguanidine Copper Complexes - biomimetic catalysts for mass transfer studies and synthesis of antimicrobial phenazines*	**OL15: Armel F. T. Waffo** *The Outer Coordination Sphere in [NiFe]-Hydrogenase Catalysis*	**OL16: Victoria Müller** *Exploring the role of Pd(II), Pt(II), Ir(III)-Terpyridine complexes as potential drugs in cancer therapy by selective ligand substitution with cysteine and selenocysteine*	**OL17: Dib Chakif** *3D Printed µBeads as Drug Delivery Systems for Dinuclear Trithiolato-Bridged Arene Ruthenium(II) Complexes*
12.25 – 12.40	**OL18: Léonie Berthonnaud** *Insight into the reactivity and mechanism of Fe-porphyrin with O_2 for the oxygenation of indole derivatives – Towards greener oxygenation inspired by nature*	**OL19: Kin Long Wong** *Using XFEL to Capture Molecular Snapshots of [NiFe]-Hydrogenase Catalytic Cycle*	**OL20: Jana Seefeldt** *Structure-activity relationships: Elucidation of the immunogenic properties of a Au complex*	**OL21: Jevy Vincent Correia** *Synthesis of pterin based ligands mimicking molybdopterin*
12:40	**Lunch Break**			

Time	Lecture Hall A	Lecture Hall B	Lecture Hall C	Lecture Hall D
	Chair: Sven Stripp	**Chair: Sylvestre Bonnet**	**Chair: Miquel Costas**	**Chair: Ingrid Span**
14:00 – 14:30	**KL5: Serena DeBeer** *Advanced spectroscopic studies of C-H bond activating enzymes and molecular catalysts*	**KL6: Mio Kondo** *Development of Catalytic Systems for Small Molecule Conversions Inspired by Natural Photosynthesis*	**KL7: Marcel Swart** *Nonheme Fe^{IV}=O complexes: New twists to a never ending story*	**KL8: Wolfgang Weigand** *From Thioketones to [FeFe]-Hydrogenase Mimics for Catalytic Hydrogen Evolution Reactions*
14:30 – 14:50	**IL4: Wesley R. Browne** *Activating Peracids by non-Heme Iron complexes – what is oxygen doing?*	**OL22: Andrea Squarcina** *Unlocking Selective Anticancer Mechanisms: Dinuclear Manganese Superoxide Dismutase Mimetics Combined with Pt(II) Complexes*	**OL23: Niko Lindlar** *Two Plus Four Equals Three: Iron(II)/Iron(IV) Comproportionation as an Alternative Pathway*	**OL24: James A. Birrell** *Mechanism of the electron-bifurcating [FeFe] hydrogenase from Thermotoga maritima*
14:50 – 15:10	**OL25: Philip Ash** *Top $TR^{M}PS$: Proton-Coupled Electron Transfer Examined by Pump-Probe Spectroscopy*	**OL26: Samya Banerjee** *Development of Metal-based Photocatalytic Anticancer Agents*	**IL5: Elzbieta Gumienna-Kontecka** *From better understanding of ferric-siderophores transport machineries to their exploitation*	**OL27: Christian Lorent** *Unraveling the Complexity of Hydride States in [FeFe] Hydrogenases*
15:10 – 15:30	**OL28: Codrina Ewbank-Popescu** *Mössbauer spectroscopic studies of Fur proteins isolated and in whole cells*	**IL6: Ulrich Schatzschneider** *iClick reactions as a quick and modular approach to metal-based luminescent probes*	**IL7: Paola Turano** *Ferritin cages as nanocarriers for metallodrugs*	**OL29: Norbert Lihi** *Superoxide dismutase mimics: thermodynamic and kinetic features*
15:30 – 15:50	**OL30: Volker Schünemann** *Mössbauer spectroscopy detects protonation states of histidinyl coordinated [2Fe-2S] proteins*	**IL8: Celine Marmion** *Multi-Targeted Metallodrugs Strategically Designed to Combat the Evolving Paradigm of Cancer Drug Resistance*	**OL31: Matthew Sullivan** *Unlocking the Specificity of the Plectin–Plecstatin-1 Interaction*	**IL9: Siegfried Schindler** *The Lability of Superoxido Copper Complexes*
15:50 – 16:20	**Coffee Break**			
16:20 – 17:00	**Lecture Hall A** **Chair: Ulrich Schatzschneider** **Poster Flash Presentation (13 x 2 min)** **Posters: P17, P19, P37, P49, P55, P63, P71, P87, P121, P129, P135, P175 & P195**			
17:00 – 19:00	**Poster-Session (odd numbers)**			

Time	Tuesday, August 27th			
9:00 – 9:45	**Lecture Theatre** **Chair: Carole Duboc** **PL3: Kylie A. Vincent** *NiFe hydrogenases: from structure-based mechanism to applications in H_2-driven biotechnology*			
	Lecture Hall A	**Lecture Hall B**	**Lecture Hall C**	**Lecture Hall D**
	Chair: Wolfgang Weigand	**Chair: Wesley Browne**	**Chair: Subhendu Karmakar**	**Chair: Uwe Karst**
10:00 – 10:30	**KL9: Ingrid Span** *Hydrogenases Made Crystal Clear*	**KL10: Sven Stripp** *Structure and Spectroscopy of the ATP-dependent Methyl-coenzyme M Reductase Activation Complex*	**KL11: Yusuke Takezawa** *Metal-responsive DNA Supramolecules Based on Metal-mediated Base Pairing Systems*	**KL12: Clotilde Policar** *Inorganic chemical biology: imaging metal-complexes in cells*
10:30 – 10:50	**IL10: Éva A. Enyedy** *Organometallic half-sandwich complexes of bidentate anticancer ligands with improved druglike properties*	**IL11: Stéphane Ménage** *In cristallo catalysis by artificial metalloenzymes: our recent advances for cascade reactions*	**IL12: Guido Clever** *Supramolecular Chemistry with DNA G-Quadruplexes*	**OL32: Johannes Karges** *Lightning Up Platinum Complexes for Tumor-Targeted Anticancer Therapy*
10:50 – 11:10	**OL33: René T. Boeré** *Aryl Ruthenium Halophosphine Complexes with Artisanal Ligands – Evaluation of Biological Properties and of a Controlled Drug Release System Based on Poly(lactic-co-glycolic acid)*	**OL34: Matteo Tegoni** *Redesign of Spy protein into artificial Cu(II) proteins*	**IL13: Roland K. O. Sigel** *Theta Ribozymes (θrz), a Novel Way to Process tRNAs and Recode Gut Bacteriophages by playing with Mg^{2+} and pH*	**OL35: Òscar Palacios** *NIR light controlled release of caged Pt(II) through upconversion nanoparticles*
11:10 – 11:40	**Coffee Break**			
	Chair: Diego Montagner	**Chair: Sonja Herres-Pawlis**	**Chair: Guido Clever**	**Chair: Zoe Pikramenou**
11:40 – 12:00	**OL36: Ingo Ott** *Gold and Silver Organometallics: From Anticancer to Antibacterial and Antiviral Drug Candidates*	**OL37: Jorge Navarro** *Metal-organic assemblies for the detoxification of highly harmful molecules*	**IL14: Célia Fonseca Guerra** *G-Quadruplexes: Insights from Quantum Chemical Bonding Analyses*	**OL38: Irene Regeni** *Ruthenium Peptide Bioconjugates for Photoactivated Chemotherapy*
12:00 – 12:20	**OL39: Ana Pizarro** *Potent anticancer Rh^{III} tether complexes*	**OL40: Yuichi Shimazaki** *Reaction of Cu(II)-phenolate with O_2: Formation of Cu(II)-phenoxyl radical via the Cu(I)-phenoxyl radical species*	**IL15: Tuomas Lönnberg** *Organomercury Hybridization Probes for SNP Genotyping*	**OL41: Sina Katharina Götzfried** *Targeting Heme Oxygenase 1 with photoactivated chemotherapy sensitive to red light*
12:20 – 12:40	**OL42: Takashi Matsuo** *Immobilization of Organometallic Complexes onto Biomolecules Based on Metal-olefin Interactions*	**IL16: Peter Faller** *Copper-complexes to catalyse oxidation of thiols and production of reactive oxygen species*	**IL17: Miguel A. Galindo** *DNA goes heavy metal*	**OL43: Eduardo Sousa** *Photoactive ruthenium compounds with interactions to non-canonical DNA structures*
12:40	**Lunch Break**			
	Free afternoon			

Time	Wednesday, August 28th			
9:00 – 9:45	**Lecture Theatre** **Chair: Ricardo Louro** **PL4: Anne-Kathrin Duhme-Klair** *Iron on the move: the use of siderophores in the development of artificial metalloenzymes and antimicrobials*			
	Lecture Hall A	**Lecture Hall B**	**Lecture Hall C**	**Lecture Hall D**
	Chair: Rama Suntharalingam	**Chair: Clotilde Policar**	**Chair: Miguel Galindo**	**Chair: Ulf Ryde**
10:00 – 10:30	**KL13: Tim Storr** *Multifunctional Molecules for Reactivation of Mutant p53*	**KL14: Uwe Karst** *Multimodal chemical imaging for Metallomics applications*	**KL15: Zoe Pikramenou** *Nanoparticles for localized delivery of antimicrobials*	**KL16: Vera Krewald** *Ab initio quantification of electron transfer coordinates*
10:30 – 10:50	**IL18: Christian Kowol** *Insertion of Bioactive Equatorial Ligands into Platinum(IV) Complexes*	**OL44: Sabine Becker** *Fluorescent sensors for zinc sensing in live cells*	**OL45: A. Pratik Shah** *Metal Nanoclusters Mediated Non-canonical DNA Structures for Biomedical Applications*	**OL46: Maylis Orio** *Decoding Copper Metalloenzymes by Theoretical EPR Spectroscopy*
10:50 – 11:10	**OL47: Diego Montagner** *Click-Pt(IV)-carbohydrates pro-drugs for treatment of osteosarcoma*	**OL48: Quim Peña** *Metal-coordinated theranostic nanomedicines for image-guided and tumor-targeted cancer therapy*	**OL49: Thorsten Glaser** *Rational design of cytotoxic dinuclear complexes that bind by molecular recognition at two neighboring phosphates of the DNA backbone*	**OL50: Ingo Zebger** *Studying the coupling of oxygen-tolerant formate dehydrogenase and [NiFe] hydrogenase in solution: Insights from in-situ IR spectroscopy and computations*
11:10 – 11:40	**Coffee Break**			
	Chair: Anna Peacock	**Chair: Luca Ronconi**	**Chair: Tuomas Lönnberg**	**Chair: Serena DeBeer**
11:40 – 12:00	**IL19: Magdalena Rowińska-Żyrek** *Metal ions shape and tune antimicrobial peptides*	**OL51: Samuel Meier-Menches** *Metal-specific effects of metal-based drug candidates in cancer cells*	**IL20: Michael Hannon** *Supramolecular recognition of DNA and RNA junction structures for anti-viral action*	**OL52: Marius Horch** *Probing Bioorganometallic Targets by Experimental and Computational 2D-IR Spectroscopy*
12:00 – 12:20	**IL21: Charlène Esmieu** *Cu(I)-targeting ligand in Alzheimer disease context*	**OL53: Luigi Messori** *A "Multiomics Strategy" to disclose the mode of action of Anticancer Gold Drugs*	**OL54: Pablo J. Sanz Miguel** *Artificialized Nucleobase Systems: Catalysts and Supramolecular Constructs*	**OL55: Andreas Meyer** *Studying Radical Intermediates in Ribonucleotide Reductase with EPR and ^{19}F ENDOR Spectroscopy*
12:20 – 12:40	**IL22: Daniela Valensin** *Impact of natural compounds on Cu(II)-amyloidogenic proteins interactions*	**IL23: Sotiris Hadjikakou** *New chemotherapeutic formulations from anti-inflammatory medications and pnictogens derivatives*	**OL56: Subhendu Karmakar** *Switching On DNA Junction Binding in Cancer Cell Specific Condition*	**OL57: Kushal Sengupta** *Investigating early intermediates of Nitrogenase mechanistic cycle by probing Se Kα HERFD XAS/EXAFS and EPR in Se-incorporated Nitrogenase*
12:40	**Lunch Break**			

Time	Lecture Hall A	Lecture Hall B	Lecture Hall C	Lecture Hall D
				
	Chair: Gustav Berggren	**Chair: Claudia Blindauer**	**Chair: Stéphane Ménage**	**Chair: Marine Desage-El Murr**
14:00 – 14:30	**KL17: Carole Duboc** *Bio-Inspired Catalysts for H_2 Production*	**KL 18: Hongzhe Sun** *Metallomics approach for deciphering the role of metals/metalloids and metalloproteins in COVID-19 pathogenesis and immunity*	**KL19: Felix Zelder** *Biomimetic Cofactor F430 Chemistry with Ni-Corrins*	**KL20: Galia Maayan** *Bio-inspired Electrocatalysts for Water Oxidation*
14:30 – 14:50	**OL58: Oliver Lenz** *Biogenesis of the inorganic metal center of [NiFe]-hydrogenase*	**IL24: Eva Freisinger** *Unveiling the Versatility of Metallothioneins: About Metal Coordination and Functional Flexibility*	**OL59: Florian Seebeck** *Molybdenum-mediated carbon-sulfur bond making and breaking*	**IL25: Ulf-Peter Apfel** *The Significance of Grasping Biology in the Context of Modern (Electro-)Chemistry*
14:50 – 15:10	**OL60: Lukas Kaltschnee** *Transient intermediates of the [Fe]-hydrogenase catalysis characterized by sensitivity-enhanced NMR*	**IL26: Mercè Capdevila** *Metallothioneins and Menkes disease*	**IL27: Sigríður G. Suman** *Interaction of cyanide inhibited cytochrome c oxidase with molybdenum complexes*	**OL61: Dennis G. H. Hetterscheid** *Selective Electrochemical H_2O_2 Production by a Molecular Copper Catalyst*
15:10 – 15:30	**OL62: Christophe Léger** *A chimeric NiFe hydrogenase heterodimer to assess the role of the electron transfer chain in tuning the enzyme's catalytic bias and oxygen tolerance*	**OL63: Adam Pomorski** *Molecular basis of the metallothionein Zn(II) buffering properties*	**IL28: Silke Leimkühler** *Exploring the catalytic reaction and application of molybdenum-containing formate dehydrogenase*	**IL29: Felix Tuczek** *Copper-Based Oxygenation Catalysts: From Mono- to Dinuclear and Back*
15:30 – 15:50	**IL30: Ulf Ryde** *Improved metal-site structures by quantum refinement*	**OL64: Bernd Giese** *Mineral Respiration: Homeostasis as Consequence of Compartmentalization*	**OL65: Peter Giang** *Electrochemical characterisation of molybdenum-containing enzymes*	**OL66: Matthias Otte** *Mimicking Copper Active Sites with Cage Ligands*
15:50 – 16:20	**Coffee Break**			
16:20 – 17:00	**Lecture Hall A** **Chair: Eva Freisinger** **Poster Flash Presentation (15 x 2 min)** **Posters: P8, P34, P58, P70, P78, P82, P114, P124, P130, P138, P144, P162, P170, P172 & P194**			
17:00 – 19:00	**Poster-Session (even numbers)**			

Time	Thursday, August 29th			
9:00 – 9:45	**Lecture Theatre** **Chair: Stefano Ciurli** **PL5: Katherine J. Franz** *Why is copper toxic, and how can we direct it for benefit?*			
	Lecture Hall A	**Lecture Hall B**	**Lecture Hall C**	**Lecture Hall D**
	Chair: Johannes Karges	**Chair: Roland Sigel**	**Chair: Sabine Becker**	**Chair: Sotiris Hadjikakou**
10:00 – 10:30	**KL21: Seth M. Cohen** *Metalloenzyme Inhibitor Design: At the Interface of Bioinorganic and Medicinal Chemistry*	**KL22: Walter Berger** *Targeting the oncometabolism by the ruthenium complex BOLD-100: crosstalk with epigenetic gene expression regulation and immune responses*	**KL23: Anna F. A. Peacock** *Design of a new-to-biology proteinaceous copper site suggests a promising future for copper in MRI contrast agent design*	**KL24: Ivana Ivanović-Burmazović** *Redox Modulation by Redox-Inactive Zinc: Insights for Biology, Chemistry, and Medicine*
10:30 – 10:50	**IL31: Ramon Vilar** *Platforms for the automated synthesis and biological screening of metal complexes*	**IL32: Rama Suntharalingam** *Cancer Stem Cell Active Metal Complexes*	**OL67: Gyula Tircsó** *Mn(II)-based responsive and tissue specific magnetic resonance imaging (MRI) contrast agent (CA) candidates*	**OL68: Orla Howe** *The multi-modal biological mechanisms of Copper(II), Manganese(II) and Silver(I) complexes containing 1,10-Phenanthroline ligands*
10:50 – 11:10	**IL33: Christian Hartinger** *Towards an Understanding the Site-Specific Metalation of Proteins with Metal Complexes*	**IL34: Sanja Grgurić-Šipka** *Comparison of the Antiproliferative Activity of Platinum, Ruthenium, and Rhenium Complexes with Pyridine Derivatives*	**OL69: Manja Kubeil** *Unveiling copper bispidine complexes for radiopharmaceutical applications*	**IL35: Dinorah Gambino** *Multifunctional Mn(I) and Re(I) tricarbonyls as prospective antiparasitic compounds: a comparative study*
11:10 – 11:40	**Coffee Break**			
	Chair: Christian Hartinger	**Chair: Christian Kowol**	**Chair: Ingo Ott**	**Chair: Ramon Vilar**
11:40 – 12:00	**IL36: Petra Heffeter** *Paraptosis, a new form of cell death to be considered as mode of action for anticancer metal drugs*	**OL70: Luca Ronconi** *Fluorescent Vitamin B12-Platinum(II) Derivatives as Potential Metallotheranostic Agents for the Treatment and Imaging of Tumors*	**OL71: Ana Cristina Carrasco** *Red-Light Photocatalytic Activation of Pt(IV) Anticancer Drugs by Methylene Blue*	**IL37: Konrad Kowalski** *Click metallocene-erlotinib conjugates active against lung cancer cells and as SARS-CoV-1/2 entry inhibitors*
12:00 – 12:20	**OL72: Christina Banti** *A double-edged sword: The multitargeted activity of metallorganic ciprofloxacin for cancer treatment*	**OL73: Norah Barba-Behrens** *Reactivity, structure, electronic and biological properties of coordination compounds with nitroimidazole derivatives*	**OL74: Albert Gandioso Ubieto** *Ru(II)-Cyanine Complexes as Promising Photodynamic Photosensitizers for the Treatment of Hypoxic Tumours with Highly Penetrating 770 nm Near-Infrared Light*	**OL75: Rianne M. Lord** *Copper(II) Picolinamide Compounds with High Selectivity towards Osteosarcoma*
12:20 – 12:40	**OL76: Jeannine Hess** *Rational development of metal-based antibiotics*	**OL77: Fabio Zobi** *A structure activity relationship of rhenium clotrimazole-type complexes reveals key molecular features mediating in vivo antimicrobial activity and toxicity of membrane-affecting antibiotics*	**IL38: Malay Patra** *Strategic PK/PD Modulation of Novel Multi-Targeted Chemotherapeutics via Kinetic Lability Tuning*	**IL39: Nora Kulak** *Tuning redox and biological activity of Cu(II) ATCUN metallopeptides*
12:40	**Lunch Break**			

Time	Lecture Hall A	Lecture Hall B	Lecture Hall C	Lecture Hall D
	Chair: Silke Leimkühler	**Chair: Nicolai Lehnert**	**Chair: Sonja Herres-Pawlis**	**Chair: Nils Metzler-Nolte**
14:00 – 14:30	**KL25: Patrick Holland** *Nickel-containing iron-sulfur clusters for insight into CO dehydrogenase enzymes*	**KL26: Takashi Hayashi** *Conversion of Myoglobin into Artificial Metalloenzymes*	**KL27: Oliver Einsle** *Understanding and Controlling the Reactivity of Nitrogenases*	**KL28: Loi H. Do** *Catalytic Defense Strategies Against Reactive Aldehyde Species*
14:30 – 14:50	**OL78: Christine Cavazza** *Carbon monoxide dehydrogenase, a redox Ni enzyme with great potential in bio-electrocatalysis*	**IL40: Gerard Roelfes** *Artificial metalloenzymes based on a genetically encoded bipyridine ligand*	**OL79: Johannes Rebelein** *Catalytic and Structural Characterization of the Iron Nitrogenase from Rhodobacter capsulatus*	**OL80: Caterina G. C. Marques Netto** *Ligand-Centered Radicals in Biomimicry of Polysaccharide Oxidative Cleavage Catalyzed by Copper Complexes*
14:50 – 15:10	**IL41: Franc Meyer** *Metal-Metal Cooperativity at a Preorganized Dinickel Site for Exploiting Biorelevant Sulfur Radical and Acetyl-CoA Synthase Reactivity*	**OL81: Patricia Rodriguez Macia** *Designing Artificial Metalloenzymes for Sustainable Energy Conversion*	**OL82: Shengfa Ye** *Probing the Mechanism of Dinitrogen Functionalization: Isolation and Characterization of Intermediates*	**OL83: Valentina Borghesani** *Artificial catalytic copper proteins based on the Spy technology. The (underestimate) role of charged tail*
15:10 – 15:30	**OL84: Matthias Tamm** *Iron(I) and Cobalt(I) Amido-Imidazolin-2-imine Complexes as Catalysts for Hydrosilylation and H/D Exchange Reactions*	**OL85: Marco Chino** *Repurposing a Miniaturized Electron Transfer Protein by Metal Replacement*	**OL86: Peter Waaben Thulstrup** *Silver ion binding to a CXXXC motif forms a multinuclear interfacial metal site facilitating peptide dimerization and α-helical folding*	**OL87: Cathleen Zeymer** *Engineering Artificial Metalloenzymes for Lanthanide Photocatalysis*
15:30 – 15:50	**OL88: Claudia Blindauer** *Fatty acids change the plasma zinc proteome*	**OL89: Nobutaka Fujieda** *Artificial metallolyases with plastic copper center for stereoselective Michael addition reactions*	**OL90: Leonor Morgado** *Hemes on a string - a new class of cytochromes revealed by PgcA from Geobacter sulfurreducens*	**IL42: Lena Daumann** *Selective Uptake and Binding of Lanthanides and Actinides Using Lanthanide-dependent Bacteria and their Biomolecules*
15:50 – 16:20	**Coffee Break**			
16:20 – 17:05	**EuroBIC Medal Lecture** **Lecture Theatre** **Chair: Johannes Messinger** **PL6: Gustav Berggren** *Exploring [FeFe] hydrogenase diversity – Probing the molecular design principles of biological H_2 processing* 			
17:05 – 18:00	**Closing Ceremony**			
19:00	**Conference Dinner**			