



ICOMC2026

31st International Conference
on Organometallic Chemistry

August 2-7, 2026 • Búzios, Rio de Janeiro • **Brazil**



CONFERENCE PROGRAM

Invitation and Scope

On behalf of the Organizing Committee, it is our great pleasure to welcome you to the 31st International Conference on Organometallic Chemistry (ICOMC 2026), which will take place from 2 to 7 August 2026 at the Atlântico Búzios Convention Center in Búzios, Rio de Janeiro, Brazil.

ICOMC has a tradition spanning more than 60 years, with recent editions held in Florence, Italy (2018), Prague, Czech Republic (2022), and Agra, India (2024). The 31st edition marks only the second time that the conference will be held in the Southern Hemisphere. ICOMC 2026 is organized under the auspices of the Brazilian Society of Catalysis.

Scientific Program

The scientific program comprises 7 Plenary Lectures (45 minutes, including Q&A), 44 Keynote Lectures (30 minutes, including Q&A), 91 Invited Lectures (20 minutes, including Q&A), 53 Oral Presentations (15 minutes, including Q&A), and more than 75 Poster Presentations. The accepted abstracts are published in the conference proceedings.

Poster Session

The poster sessions will be held on 3 August 2026, from 18:00 to 19:30 (presentation of odd poster numbers) and 5 August 2026, from 18:15 to 19:45 (presentation of even poster numbers). Posters should be on display on the day before and removed after your presentation.

Social Program

All participants are invited to the Welcome Reception, which will be held on 2 August 2026, from 19:00 to 21:00, at late Clube Búzios.

The Conference Dinner will be held on 4 August 2026, from 19:30 h, at late Clube Búzios. The dinner is an optional ticketed event and requires advance registration.

Publication Opportunities

Following the conference, authors of oral presentations and selected poster contributions will be invited to submit full-length manuscripts to the joint Special Collection "Organometallics in Catalysis" in the European Journal of Inorganic Chemistry (EurJIC) and ChemCatChem. Submissions will open on 7 August 2026.

Awards

The Scientific and Organizing Committees will select the recipients of the Best Poster Awards. The awards will be presented during the Closing Ceremony.

Sponsors

The ICOMC 2026 organizers gratefully acknowledge the sponsors whose generous financial support has contributed to the organization of this conference.

ICOMC 2026 - Conference Program - at a Glance

Sunday, August 2, 2026

Registration 15:00 - 17:30 h

Opening 17:30 - 18:00 h

Plenary 1 - **M. Fujita** 18:00 - 18:45 h *Chair: E. N dos Santos*

Welcome Mixer 19:00 - 21:00 h

Monday, August 3, 2026

Plenary 2 - **J. F. Hartwig** 9:00 - 9:45 h *Chair: J. Dupont*

Plenary 3 - **M. Robert** 9:45 - 10:30 h *Chair: J. Dupont*

Coffee-break

	Room 1 <i>Chair: C. Copéret</i>	Room 2 <i>Chair: F. Kakiuchi</i>	Room 3 <i>Chair: A. Ruzicka</i>	Room 4 <i>Chair: K. I. Goldberg</i>
Parallel 1 11:00 - 12:25 h	L. Cavallo	B. Martín-Matute	C. Cui	C. Fischmeister
	J. C. Carbó	J. G. López-Cortés	O. V. Ozerov	T. Braun
	M. A. B. Ferreira	C. Camp	S. Dagorne	J. Moussa
	A. Morales	M. Hulla	C. Barroca	G. Righetti

Lunch

	Room 1 <i>Chair: E. Peris</i>	Room 2 <i>Chair: K. Kirchner</i>	Room 3 <i>Chair: M. Driess</i>	Room 4 <i>Chair: W. D. Jones</i>
Parallel 2 14:30 - 15:55 h	M. Albrecht	B. Sundararaju	B. Royo	V. Polshettiwar
	S. Díez-González	G. Liu	D. Munz	I. Guerrero-Rios
	A. R. Cabrera	C. Zheng	A. F. Hill	C. J. A. Mota
	N. M. Pesqueira	H. Fujimoto	R. Bruce King	A. H. Braga

Coffee-break

	Room 1 <i>Chair: C. O. Kappe</i>	Room 2 <i>Chair: D. E. Fogg</i>	Room 3 <i>Chair: E. Gallo</i>	Room 4 <i>Chair: O. Casagrande</i>
Parallel 3 16:30 - 17:55 h	A. S. Goldman	A. M. Kirillov	D. C. Powers	P. T. Gomes
	Z. Xi	A. Rossin	P. H. Dixneuf	B. Milani
	W. H. Bernskoetter	Y. Lu	V. L. Blair	A. Z. Voskoboynikov
	P. Cruz-Sánchez	F. M. S. Rodrigues	K. G. Pearce	M. Rigoulet

Poster 1

Odd Numbers 18:00 - 19:30 h

Tuesday, August 4, 2026

Plenary 4 - **J. Long** 9:00 - 9:45 h *Chair: L. M. Rossi*

Plenary 5 - **W. Leitner (Wiley Lecture)** 9:45 - 10:30 h *Chair: L. M. Rossi*

Coffee-break

	Room 1 <i>Chair: B. Martín-Matute</i>	Room 2 <i>M. Poyatos</i>	Room 3 <i>Chair: F. Ekkehardt Hahn</i>	Room 4 <i>Chair: B. Sundararaju</i>
Parallel 4 11:00 - 12:25 h	E. Peris	V. P. Ananikov	J. J. Garcia	A. Ruzicka
	J. L. S. Milani	L. A. Oro	W. D. Jones	A. Schäfer
	D. Zanchet	J. Blacquiere	F. G. Delolo	P. G. Hayes
	C. Álvarez-Romero	D. S. Leite	S. Foley	M. Sundin

Lunch

Tuesday, August 4, 2026				
	Room 1 <i>Chair: P. H. Dixneuf</i>	Room 2 <i>Chair: A. M. Kirillov</i>	Room 3 <i>Chair: M. Albrecht</i>	Room 4 <i>Chair: D. C. Powers</i>
Parallel 5 14:30 - 15:55 h	C. Copéret	K. Kirchner	M. Driess	R. J. Gilliard Jr.
	D. G. Gusev	N. Mösch-Zanetti	C. Müller	Y. Shimizu
	V. P. Carvalho Jr.	Z. Huang	M. H. E. Schwind	J. Koudelka
	H. Junge	C. Bour	S. Suginome	M. Morasch
Coffee-break				
	Room 1 <i>Chair: S. Ma</i>	Room 2 <i>Chair: K. Grela</i>	Room 3 <i>Chair: C. Roque D. Correia</i>	Room 4 <i>Chair: Z. Xie</i>
Parallel 6 16:30 - 17:55 h	P. J. Chirik	D. E. Fogg	E. Gallo	K. I. Goldberg
	M. Hirano	N. G. Lemcoff	L. M. M. Prieto	M. C. Ortega-Alfaro
	H. Berke	A. Kajetanowicz	M. M. Pereira	L. H. Andrade
	T. Ludwig	A. M. Johns	R. Almada (CFQ)	Y. Kameda
Wednesday, August 5, 2026				
Free				
	Room 1 <i>Chair: P. J. Chirik</i>	Room 2 <i>Chair: V. P. Ananikov</i>	Room 3 <i>Chair: D. Zanchet</i>	Room 4 <i>Chair: Katia Gusmão</i>
Parallel 7 14:30 - 15:55 h	C. O. Kappe	L. J. Goossen	O. L. Casagrande	S. Demir
	J. C. Pastre	S. Castillon	M. P. Conley	A. Amgoune
	G. Vilé	S. L. Kleynemeyer	M. J. F. Calvete	D. Morales-Morales
	M. Gladkikh	P. Pawluc	U. Yıldırım	S. Majerová
Coffee-break				
	Room 1 <i>Chair: A. S. Goldman</i>	Room 2 <i>Chair: L. Cavallo</i>	Room 3 <i>Chair: P. C. Junk</i>	Room 4 <i>Chair: J. A. Gladysz</i>
Parallel 8 16:30 - 18:10 h	S. Ma	F. Maseras	P. W. Roesky	P. C. McGowan
	V. Reyes-Márquez	A.A.C.Braga	P. Štěpnička	A. Valente
	withdrawn	D. Ess	L. Delaude	A. J. Swarts
	S. Rojas-Buzo	J. A. Panetier	D. J. H. Emslie	T. Morais
	K. Yasui	B. Trzaskowski	H. Sanderson	J. Ruiz-Galindo
Poster 2	Even Numbers 18:15 - 19:45 h			
Thursday, August 6, 2026				
Plenary 6 - A. Casini 9:00 - 9:45 h <i>Chair: Maria Helena Araujo</i>				
Plenary 7 - S-L. You 9:45 - 10:30 h <i>Chair: Dalmo Mandelli</i>				
Coffee-break				
	Room 1 <i>Chair: F. Maseras</i>	Room 2 <i>Chair: Y. Nishibayashi</i>	Room 3 <i>Chair: A. F. Hill</i>	Room 4 <i>Chair: P. Štěpnička</i>
Parallel 9 11:00 - 12:25 h	K. Grela	F. Kakiuchi	M. Poyatos	F. Tambornino
	M. Tamm	E. C. Lucca Jr.	C. Darcel	withdrawn
	M. Ogasawara	C. Claver	E. A. Baquero	M. Landrini
	S. K. Cormier	L. A. Hudson	A. Martinez-Bascunana	E. B. Sá
Lunch				

Thursday, August 6, 2026				
	Room 1 <i>Chair: K. Junge</i>	Room 2 <i>Chair: L. A. Oro</i>	Room 3 <i>Chair: P. W. Roesky</i>	Room 4 <i>Chair: P. C. Andrews</i>
Parallel 10 14:30 - 15:55 h	J. Campos	Q-L. Zhou	P. C. Junk	E. Kirillov
	F. Ekkehardt Hahn	L. Rosenberg	Z. Xie	R. A. Layfield
	J-F Soulé	Y. Nishihara	F. Dielmann	D. V. Uborsky
	M. J. Ernst	G. Hu	B. C. Thompson	L. Vlk
Coffee-break				
	Room 1 <i>Chair: M. Tamm</i>	Room 2 <i>Chair: J. Campos</i>	Room 3 <i>Chair: H. Berke</i>	Room 4 <i>Chair: Q-L. Zhou</i>
Parallel 11 16:30 - 18:10 h	withdrawn	Y. Nishibayashi	A. A. Trifonov	J. A. Gladysz
	F. Azambuja	J. D. Scholten	D. Kunz	G. S. Smith
	M. Gómez	V. R. Jensen	H. Guan	R. Le Lagadec
	withdrawn	N. Hidalgo	J. J. Moreno	P. C. Andrews
	withdrawn	J. Thaens	J. Saßmannshausen	N. D. Autar
Friday, August 7, 2026				
	Room 1 <i>Chair: J. Dupont</i>			
Parallel 12 9:00 - 10:30 h	A. S. K. Hashmi			
	K. Junge			
	C. Roque D. Correia			
Closing	Closing Ceremony/Poster Awards 10:30 - 11:30 h			

ICOMC 2026 - Conference Program

Sunday, August 2, 2026

15:00 - 17:30 h	Registration			
17:30 - 18:00 h	Opening			
	Session	#	Presenter	Title
18:00h - 18:45 h	Plenary 1	PL1	M. Fujita	Molecular Confinement Effects within Self-Assembled Cages
19:00 - 21:00 h	Welcome Mixer			

Monday, August 3, 2026

Time	Session	#	Presenter	Title
09:00 - 09:45 h	Plenary 2	PL2	J. F. Hartwig	Controlling and Predicting the Site Selectivity of Catalytic Organometallic Reactions at C–H and C=C Bonds
09:45 - 10:30 h	Plenary 3	PL3	M. Robert	From CO ₂ and N ₂ to Fuels and Complex Molecules: Catalysis Driven by Electron, Proton, and Bond Activation

Coffee-break

Time	Session	#	Presenter	Title
11:00 - 11:30 h	Parallel 1 Room 1	KN1	L. Cavallo	Using Data Science to Rationalize and Design Catalysts from Small Experimental Data Sets
11:30 - 11:50 h		IL1	J. C. Carbó	Developing Universal 3D-Descriptors for the Computational Modeling of Organometallic Catalysis
11:50 - 12:10 h		IL2	M. A. B. Ferreira	Navigating the maze of reaction efficiency in homogeneous catalysis through data science and computational tools
12:10 - 12:25 h		OP1	A. Morales	The Computational Adventures of Tin-Tin: A Heavier Platform for Alkali Metal Reductions
11:00 - 11:30 h	Parallel 1 Room 2	KN2	B. Martín-Matute	Catalytic Hydrogen and Proton Transfer Reactions for Selective Organic Synthesis
11:30 - 11:50 h		IL3	J. G. López-Cortés	An eco-friendly synthesis of Imidazopyridine [N,O]-ligands and their application in Ru-catalyzed transfer hydrogenation
11:50 - 12:10 h		IL4	C. Camp	Surface Organometallic Chemistry Engineering of Heterobimetallic Catalysts for Selective H/D Isotope Exchange
12:10 - 12:25 h		OP2	M. Hulla	P-block complexes in Lewis acid promoted hydrogenation catalysis
11:00 - 11:30 h	Parallel 1 Room 3	KN3	C. Cui	Reactions of N-Heterocyclic Boryl-Substituted Disilyne and Dilithiodisilene
11:30 - 11:50 h		IL5	O. V. Ozerov	New Modes of Transition Metal Reactivity with Boryl Pincers
11:50 - 12:10 h		IL6	S. Dagorne	Low coordinate Zn(II) and Mg(II) Cationic Lewis Acids: Synthesis, Structure, and Reactivity in Catalysis
12:10 - 12:30 h		TC1	C. Barroca	Agilent 9500 ICP-MS: A New Standard for Trace Metal Research
11:00 - 11:30 h	Parallel 1 Room 4	KN4	C. Fischmeister	Homogeneous catalysis and formic acid for hydrogen storage
11:30 - 11:50 h		IL7	T. Braun	Hydrofluorination of Alkynes at Pt Complexes: Model Reactions and Catalysis
11:50 - 12:10 h		IL8	J. Moussa	Pyridylidenes, an underexplored class of ligands and their related organometallic complexes for novel opportunities in various applications
12:10 - 12:25 h		OP3	G. Righetti	Ligand flexibility as a concept to unlock catalytic activity: acyclic carbenes for base-free transfer ruthenium hydrogenation catalysis

Lunch

Monday, August 3, 2026				
Time	Session	#	Presenter	Title
14:30 - 15:00 h	Parallel 2 Room 1	KN5	M. Albrecht	NHC Nickel and Iron Systems for Efficient C–H Bond Functionalization
15:00 - 15:20 h		IL9	S. Díez-González	Copper(I) Complexes for User Friendly and Efficient Catalytic Applications
15:20 - 15:40 h		IL10	A. R. Cabrera	Versatile Heteroleptic Copper(I) Complexes [Cu(dpa)(P,P)] ⁺ for Photocatalysis, LEECs, and Biological Applications
15:40 - 15:55 h		OP4	N. M. Pesqueira	Nickel(II)-NHC Complexes as Photocatalysts in Photopolymerization and 3D Printing Applications
14:30 - 15:00 h	Parallel 2 Room 2	KN6	B. Sundararaju	Construction of Multiple Chiral Elements through C-H activation
15:00 - 15:20 h		IL11	G. Liu	Enantioselective <i>sp</i> ³ C-H Functionalizations via Copper-Catalyzed Radical Relay
15:20 - 15:40 h		IL12	C. Zheng	Mechanism-based Regulation of Asymmetric Tsuji–Trost Reactions
15:40 - 15:55 h		OP5	H. Fujimoto	Metal-Catalyzed Single Carbon Atom Transfer Reactions Using N-Isocyanide
14:30 - 15:00 h	Parallel 2 Room 3	KN7	B. Royo	Beyond Spectator Ligands: Non-Innocent Triazolylidenes in Hydrogen Transfer Catalysis
15:00 - 15:20 h		IL13	D. Munz	π-Lewis Base Activation of Arenes and Carbonyls, a Zero-Oxidation States Metallopore, and a Triplet Carbene
15:20 - 15:40 h		IL14	A. F. Hill	Phosphinoisonitriles en route to P-heterocyclic carbene complexes
15:40 - 15:55 h		OP6	R. Bruce King	Ring Size Effects on the Structures of Sandwich Compounds of Stoichiometry C ₁₂ H ₁₂ M
14:30 - 15:00 h	Parallel 2 Room 4	KN8	V. Polshettiwar	Beyond Ligands: Catalysis by Strong Metal–Support Interaction and Defect-Engineered Active Sites
15:00 - 15:20 h		IL15	I. Guerrero-Rios	Immobilized cobalt nanoparticles for sustainable transformations
15:20 - 15:40 h		IL16	C. J. A. Mota	Direct CO ₂ Hydrogenation to Hydrocarbons over Fe and Co Catalysts Supported on CeO ₂
15:40 - 15:55 h		OP7	A. H. Braga	Ni-Zn carbide nanoparticles prepared via pyrolysis of Ni ²⁺ /ZnTPP: a step towards efficient catalysts for CO ₂ utilization
Coffee-break				
Time	Session	#	Presenter	Title
16:30 - 17:00 h	Parallel 3 Room 1	KN9	A. S. Goldman	Reduction of N ₂ to Ammonia Catalyzed by Transition Metal Complexes. Design of a New Paradigm Based on Fundamental Considerations
17:00 - 17:20 h		IL17	Z. Xi	Efficient Conversion of N ₂ into Cr-diazenido and Cr-hydrazido
17:20 - 17:40 h		IL18	W. H. Bernskoetter	Mechanism Driven Catalyst Design for Pincer Manganese Promoted CO ₂ Hydrogenation
17:40 - 17:55 h		OP8	P. Cruz-Sánchez	MOF-Catalyzed CO ₂ Fixation for the Synthesis of Isotopically Labelled Chiral Cyclic Carbonates
16:30 - 17:00 h	Parallel 3 Room 2	KN10	A. M. Kirillov	Antimicrobial Metal-Organic Frameworks: From Self-Assembly to Biomaterials
17:00 - 17:20 h		IL19	A. Rossin	Carbon Dioxide Reduction Catalyzed by a Photoactive Bimetallic Zirconium/Cerium Metal Organic Framework Built with a (Thieno)Thiophene Linker
17:20 - 17:40 h		IL20	Y. Lu	Organometallic Catenanes and Knots: From Self-Assembly to Photofunctions
17:40 - 17:55 h		OP9	F. M. S. Rodrigues	Continuous-Flow Transition-Metal Catalysis: Scalable Aminocarbonylation and Multistep Catalytic Processes
16:30 - 17:00 h	Parallel 3 Room 3	KN11	D. C. Powers	<i>In crystallo</i> synthesis and catalyst activation
17:00 - 17:20 h		IL21	P. H. Dixneuf	Innovations in Catalysis via Interrupted Hydrogenations of Heteroarenes and Nitroarenes
17:20 - 17:40 h		IL22	V. L. Blair	Unlocking C-F reactivity: Na/Mg bimetallic-driven cyclisation of fluoro-imines via radical reactivity
17:40 - 17:55 h		OP10	K. G. Pearce	Activating Ethers: C–O Bond Cleavage and Alkyl Migration at Calcium

Monday, August 3, 2026				
Time	Session	#	Presenter	Title
16:30 - 17:00 h	Parallel 3 Room 4	KN12	P. T. Gomes	From N,N-Chelates to C,N,N-Pincers: C–H Activation-Driven Formation of Active Ni(II) Catalysts for Ethylene Oligomerization/Polymerization
17:00 - 17:20 h		IL23	B. Milani	The right combination of ligand and solvent: towards successful catalysts for the synthesis of functionalized polyolefins
17:20 - 17:40 h		IL24	A. Z. Voskoboynikov	Stereocontrol and ultra-high thermal stability: Yttrium catalysts in (co)polymerization of 2-vinylpyridine and β -butyrolactone
17:40 - 17:55 h		OP11	M. Rigoulet	Supported pi-Allyl Nickel Complex: New Characterization Insights and Applications in Olefin Oligomerization
18:00 - 19:30 h	Poster Session 1 (odd numbers)			

Tuesday, August 4, 2026				
Time	Session	#	Presenter	Title
09:00 - 09:45 h	Plenary 4	PL4	J. Long	Ultrahard Lanthanide-Based Single-Molecule Magnets
09:45 - 10:30 h	Plenary 5	PL5	W. Leitner	Wiley Lecture: Catalytic Conversion of CO ₂ : From Molecules to Systems
Coffee-break				
Time	Session	#	Presenter	Title
11:00 - 11:30 h	Parallel 4 Room 1	KN13	E. Peris	π-Extended NHCs: From Supramolecular Functions to Catalytic Control
11:30 - 11:50 h		IL25	J. L. S. Milani	Carbon Nitride Frameworks Hosting Earth-Abundant Single-Atom Catalyst for CO ₂ Hydrogenation to Formate
11:50 -12:10 h		IL26	D. Zanchet	From Coordination Complexes to Catalysts: Molecularly Defined Precursors for Atomic-Level Engineering of Cu-Based Materials for CO ₂ Conversion
12:10 - 12:25 h		OP12	C. Álvarez-Romero	Interfacial Organometallic Control of Ru Nanoparticles by NHC Ligands for Enhanced Glycerol Dehydrogenation to Lactic Acid
11:00 - 11:30 h	Parallel 4 Room 2	KN14	V. P. Ananikov	Organometallic chemistry of Pd, Pt, Ni and Au complexes and clusters – the key to high performance catalysis
11:30 - 11:50 h		IL27	L. A. Oro	From Organometallic Complexes to Homogeneous Catalysis: Fifty Years on Rhodium and Iridium Chemistry
11:50 -12:10 h		IL28	J. Blacquiere	Ligand Cooperativity: The Key to Achieve Catalytic Intermolecular Hydroalkoxylation of Terminal Alkynes
12:10 - 12:25 h		OP13	D. S. Leite	Ligand-directed selectivity in Ru-MACHO-catalyzed ethanol upgrading
11:00 - 11:30 h	Parallel 4 Room 3	KN15	J. J. Garcia	En Route to Defossilising Selected Chemicals With Catalysis
11:30 - 11:50 h		IL29	W. D. Jones	Catalytic Activation of C-H and O-H Bonds for the Upgrading of Alcohols
11:50 -12:10 h		IL30	F. G. Delolo	Unlocking Cobalt Reactivity under Mild Conditions: From Carbonylation to the Valorization of Biomass
12:10 - 12:25 h		OP14	S. Foley	Chelating sulfur-based ligands for selective recovery of precious metals
11:00 - 11:30 h	Parallel 4 Room 4	KN16	A. Ruzicka	Polyhedral Heteroboranes; from 3D aromatics to cations or superbases applicable in catalysis
11:30 - 11:50 h		IL31	A. Schäfer	From Ring-Opening Transmetalation Polymerization of Carba[1]magnesocenophanes to Carba[1]ferrocenophanes
11:50 -12:10 h		IL32	P. G. Hayes	Synthesis, Characterization and Reaction Chemistry of Phosphazide and Azidophosphonamide-Supported Organometallic Complexes
12:10 - 12:25 h		OP15	M. Sundin	Expanding the Synthetic Toolbox: s-Block Strategies in C-F bond Activation
Lunch				

Tuesday, August 4, 2026				
Time	Session	#	Presenter	Title
14:30 - 15:00 h	Parallel 5 Room 1	KN17	C. Copéret	Structure(s) of Single Atom versus Single Site Catalysts
15:00 - 15:20 h		IL33	D. G. Gusev	Mechanisms of Ester Reduction with the bipy-NNP Milstein Catalyst
15:20 - 15:40 h		IL34	V. P. Carvalho Jr.	Ruthenium Catalysts for Hydrogen Transformations: Transfer Hydrogenation of ketones and dehydrogenation of formic acid
15:40 - 15:55 h		OP16	H. Junge	New pincer-type Ru complexes and their application in low temperature methanol reforming under standardized reaction conditions
14:30 - 15:00 h	Parallel 5 Room 2	KN18	K. Kirchner	Mn(I) and Fe(II) Complexes involving E-H (E = H, C, Si, B) Bond Activation Reactions
15:00 - 15:20 h		IL35	N. Mösch-Zanetti	Hydrogenation Reactions with β -Diketiminato Manganese(I) Catalysts at Room Temperature
15:20 - 15:40 h		IL36	Z. Huang	Transition-Metal-Catalyzed Transformation of Saturated Hydrocarbons Ranging from n-Alkane to Polyolefin
15:40 - 15:55 h		OP17	C. Bour	The Renewed Interest in Vinyl Cations as Reactive Intermediates
14:30 - 15:00 h	Parallel 5 Room 3	KN19	M. Driess	Cooperativity of Divalent Silicon Atoms Enabling Selective Metal-Free Activation of Reactive and Unreactive Bonds
15:00 - 15:20 h		IL37	C. Müller	Selective Scrambling of Phenyl-Stannanes: Main Group Catalysis with Aromatic Phosphorus Heterocycles
15:20 - 15:35 h		OP18	M. H. E. Schwind	Hydrogenation Catalysis at Aluminium Metal
15:35 - 15:50 h		OP19	S. Suginome	Catalytic Borylation of Dinitrogen Using Molybdenum Complexes
14:30 - 15:00 h	Parallel 5 Room 4	KN20	R. J. Gilliard Jr.	Diazaboranes and More: Manipulation of Small-Molecules at Low-Valent Boron
15:00 - 15:20 h		IL38	Y. Shimizu	Boron Catalysis for Direct Transformation of Carboxylic Acids
15:20 - 15:35 h		OP20	J. Koudelka	[2.2]Paracyclophane-1,2-azaboroles as CPL emitters
15:35 - 15:50 h		OP21	M. Morasch	Two-Electron Reduction of N ₂ and Ph ₃ B with Low-Valent Strontium
Coffee-break				
Time	Session	#	Presenter	Title
16:30 - 17:00 h	Parallel 6 Room 1	KN21	P. J. Chirik	Catalysis with Earth-Abundant Metals: The Rise of Open Shell Organometallic Chemistry
17:00 - 17:20 h		IL39	M. Hirano	The First Cobalt(0)-Catalyzed Bicycloaddition of Internal Alkynes with Conjugated Polyenes
17:20 - 17:40 h		IL40	H. Berke	'Non-Precious' Metals for Precious Tasks in Hydrogenation Catalysis
17:40 - 17:55 h		OP22	T. Ludwig	Novel Tetraaminocyclopentadienone Iron Complexes for Catalytic Hydrogenation Reactions in Green Solvents
16:30 - 17:00 h	Parallel 6 Room 2	KN22	D. E. Fogg	Equipping Olefin Metathesis to Meet 21 st -Century Challenges
17:00 - 17:20 h		IL41	N. G. Lemcoff	How latent catalysis (and a few other ideas) helps us make great discoveries
17:20 - 17:40 h		IL42	A. Kajetanowicz	Designing Alkene Geometry: Stereoselective Olefin Metathesis in Action
17:40 - 18:00 h		IL43	A. M. Johns	Innovation at the Extremes: Rapidly Initiating and Latent Ruthenium-Based Metathesis Catalysts
16:30 - 17:00 h	Parallel 6 Room 3	KN23	E. Gallo	From Organic Solvents to Water: Carbene Transfer Reactions Promoted by Iron Porphyrins
17:00 - 17:20 h		IL44	L. M. M. Prieto	Hydrosoluble Betaine-Stabilized Metal Nanoparticles for Green Catalysis in Aqueous Media
17:20 - 17:40 h		IL45	M. M. Pereira	Plastic-to-Photosensitizer Transformations: A Sequential Catalysis Strategy for Antimicrobial Applications
17:40 - 18:00 h		TC2	R. Almada	Conselho Federal de Química (sponsor presentation in Portuguese)

Tuesday, August 4, 2026				
Time	Session	#	Presenter	Title
16:30 - 17:00 h	Parallel 6 Room 4	KN24	K I. Goldberg	Chemistry of PCP Pincer Gold(III) Complexes
17:00 - 17:20 h		IL46	M. C. Ortega-Alfaro	Iron-synthetic applications inspired on vinyl-ketenes
17:20 - 17:40 h		IL47	L. H. Andrade	The Role of Iron and Tungsten Catalysts in Molecular Construction Using Formamide
17:40 - 17:55 h		OP23	Y. Kameda	Vanadium Complexes Bearing PCP-Type Pincer Ligands for Catalytic Ammonia Synthesis
Wednesday, August 5, 2026				
Morning	Free			
Time	Session	#	Presenter	Title
14:30 - 15:00 h	Parallel 7 Room 1	KN25	C. O. Kappe	Enhancing the Efficiency of Organometallic Transformations Using Microreaction Technology
15:00 - 15:20 h		IL48	J. C. Pastre	Continuous flow photocatalysis for the sustainable synthesis of high value-added compounds
15:20 - 15:40 h		IL49	G. Vilé	Single-atom catalysts for greener chemical processes
15:40 - 15:55 h		OP24	M. Gladkikh	Hunting Down Copper(II) Bis-Silyl Amide: How Automation Solves Decade-Long Challenges
14:30 - 15:00 h	Parallel 7 Room 2	KN26	L. J. Goossen	MeNAP Dimers as Versatile Precatalysts for Palladium Catalyzed Cross-Coupling Reactions
15:00 - 15:20 h		IL50	S. Castillon	Selectivity control in Pd-catalyzed isoprene telomerization
15:20 - 15:35 h		OP25	S. L. Kleynemeyer	Air-Stable Cobalt–Semiquinone Radical Complexes on Carbon Nanotubes: A Redox Switch for Anion Response
15:35 - 15:50 h		OP26	P. Pawluc	Cobalt(II) Complexes with Phenoxyiminato Ligands as Efficient Catalysts for Hydrometallation and Cross-Coupling Reactions
14:30 - 15:00 h	Parallel 7 Room 3	KN27	O. L. Casagrande	Molecular Design of Earth-Abundant Organometallic Platforms for CO ₂ -to-Fuels Photoconversion
15:00 - 15:20 h		IL51	M. P. Conley	Towards a Broad-Spectrum Catalyst for Aliphatic Polymer Breakdown
15:20 - 15:40 h		IL52	M. J. F. Calvete	Photosensitizers in Oxidative Transformations: From Flow Synthesis to (Photo)Catalysis
15:40 - 15:55 h		OP27	U. Yıldırım	Industrial Polypropylene Ziegler-Natta Catalysts: Molecular-Level Insights into Surface Chemistry
14:30 - 15:00 h	Parallel 7 Room 4	KN28	S. Demir	Organometallic Single-Molecule Magnets Containing Fluorflavine and Tetraazanaphthalene Radicals
15:00 - 15:20 h		IL53	A. Amgoune	Controlling Nickel Redox States in reductive couplings with Electrochemical strategy
15:20 - 15:40 h		IL54	D. Morales-Morales	POCOP Pincer Compounds. A Modular Approach for the Desing and Synthesis of Metallopharmaceuticals in the Battle Against Cancer
15:40 - 15:55 h		OP28	S. Majerová	Expanding the Chemistry of Diiminoisindoles: From Unprecedented Metallophilic Interactions to Magnetic Materials
Coffee-break				
Time	Session	#	Presenter	Title
16:30 - 17:00 h	Parallel 8 Room 1	KN29	S. Ma	Enantioselective Syntheses of Allenes from Propargylic Alcohols
17:00 - 17:20 h		IL55	V. Reyes-Márquez	P-N-Pd(II) Schiff Base Complexes: Promising Frontiers in Drug Development
17:20 - 17:40 h		IL56	withdrawn	
17:40 - 17:55 h		OP29	S. Rojas-Buzo	Unveiling Dihydrogen Activation by a Mononuclear Rh(II) Complex through Kinetic Studies
17:55 - 18:10 h		OP30	K. Yasui	Stereodivergent Synthesis of Trisubstituted Alkenes Enabled by the Reactivity of Sulfoximine Leaving Group

Wednesday, August 5, 2026				
Time	Session	#	Presenter	Title
16:30 - 17:00 h	Parallel 8 Room 2	KN30	F. Maseras	Computational Studies on the Mechanisms of Metallocarbene Chemistry
17:00 - 17:20 h		IL57	A. A. C. Braga	C–C Bond Formation in Homogeneous CO ₂ Electroreduction by Earth-Abundant Transition-Metal Complexes
17:20 - 17:40 h		IL58	D. Ess	The Potential of Machine Learning Interatomic Potentials for Calculating Organometallic Structures, Mechanisms, and Selectivity
17:40 - 17:55 h		OP31	J. A. Panetier	Computational Modeling of Electrocatalysts for CO ₂ Reduction: Probing the Role of Primary, Secondary, and Outer Coordination Spheres
17:55 - 18:10 h		OP32	B. Trzaskowski	Design of efficient ruthenium ethenolysis catalysts – from quantum chemical predictions to machine learning approaches
16:30 - 17:00 h	Parallel 8 Room 3	KN31	P. W. Roesky	Synthesis and Reactivity of a Mixed-Valent Silaiminyl-Silylene
17:00 - 17:20 h		IL59	P. Štěpnička	P,E-Hybrid Phosphinoferrocene Ligands (E = N, Sb)
17:20 - 17:40 h		IL60	L. Delaude	Dithiocarboxylate Zwitterionic Ligands Derived from NHCs and cAACs for Organometallic Chemistry
17:40 - 17:55 h		OP33	D. J. H. Emslie	Synthesis and Reactivity of Manganese Germyl, Hydrogermane, Germylene and Germanide Complexes
17:55 - 18:10 h		OP34	H. Sanderson	Redox Chemistry of the Cyclononatetraenyl Ligand in Late Lanthanide Complexes: A Tale of Antiaromaticity and Comproportionation
16:30 - 16:50 h	Parallel 8 Room 4	IL61	P. C. McGowan	Cu-picolinamide Complexes as Catalysts in Aryl Ether Formation and Cancer Cell Selectivity
16:50 - 17:10 h		IL62	A. Valente	Transforming Multidrug Resistance into Therapeutic Opportunity Using Ruthenium-Cyclopentadienyl Compounds
17:10 - 17:30 h		IL63	A. J. Swarts	Half-sandwich Ru(II) Complexes as Next-Generation Metalloantibiotics: FromDNA-Targeting Design Rules to Potent Activity Against A. baumannii
17:30 - 17:50 h		IL64	T. S. Morais	Microenvironment-Activatable Metallodrugs for Precision Therapy of FGFR-Positive Breast Cancer
17:50 - 18:05 h		OP35	J. Ruiz-Galindo	Anticancer Evaluation of Monometallic and Chalcogen-Bridged Homobimetallic Ni(II)–POCOP Pincer Complexes with Meta-Functionalized Schiff Base Ligands
18:15 - 19:45 h	Poster Session 2 (even numbers)			

Thursday, August 6, 2026				
Time	Session	#	Presenter	Title
09:00 - 09:45 h	Plenary 6	PL6	A. Casini	Catalysis in cells with organometallic compounds for therapeutic applications
09:45 - 10:30 h	Plenary 7	PL7	S-L. You	Synthesis of Z-olefin via transition-metal-catalyzed allylic substitution reactions
Coffee-break				
Time	Session	#	Presenter	Title
11:00 - 11:30 h	Parallel 9 Room 1	KN32	K. Grela	Olefin Metathesis at Part-Per-Million Catalyst Loading and Below
11:30 - 11:50 h		IL65	M. Tamm	Synthesis of Conjugated Linear and Cyclic Polyynes by Alkyne Metathesis
11:50 -12:10 h		IL66	M. Ogasawara	Catalytic Enantioselective Synthesis of Planar-Chiral Zirconocene Derivatives by Molybdenum-Catalyzed Asymmetric Ring-Closing Metathesis
12:10 - 12:25 h		OP36	S. K. Cormier	Metal Carbenation: Tailored Olefin Metathesis Catalysts from Oxo-Ruthenium Precursors
11:00 - 11:30 h	Parallel 9 Room 2	KN33	F. Kakiuchi	Iron-phosphine Complex Catalyzed Carbon-Carbon Bond Formations via C–H Bond Cleavage
11:30 - 11:50 h		IL67	E. C. Lucca Jr.	Catalyst-Controlled Site-Selective Dehydrogenation: a Stepping Stone for C–H oxidations in Complex Terpenes Synthesis
11:50 -12:10 h		IL68	C. Claver	Unusual Regioselectivity in Styrene Hydroformylation. Rh and Pd Catalytic Systems for Linear Aldehyde production
12:10 - 12:25 h		OP37	L. A. Hudson	Greatly accelerated C–H amination of organic azides via dimeric iron complexes

Thursday, August 6, 2026				
Time	Session	#	Presenter	Title
11:00 - 11:30 h	Parallel 9 Room 3	KN34	M. Poyatos	NHC-NDI-based Complexes as Light-Driven, Redox-Responsive Catalysts
11:30 - 11:50 h		IL69	C. Darcel	Blue Light Driven Iron Catalyzed Reduction at Ambient Conditions
11:50 -12:10 h		IL70	E. A. Baquero	Unraveling Ligand Effects in NHC-Based Metal-Nanocatalysts and Organocatalysts for Selective Transformations
12:10 - 12:25 h		OP38	A. Martinez-Bascunana	Illuminating Dipnictanes Pn(II): Open-Shell Pnictogen Radicals as a Platform for Photochemical Reactivity and Catalysis
11:00 - 11:30 h	Parallel 9 Room 4	IL71	F. Tambornino	Structure and Bonding in Hexafluorothioacetone
11:30 - 11:50 h		IL72	withdrawn	
11:50 -12:10 h		OP39	M. Landrini	A Masked Low-Coordinate and Polarized Au(I)/Pt(0) Complex for the Cooperative Activation of C–X and C–H Bonds in Pyridines
12:10 - 12:25 h		OP40	E. B. Sá	Computational High-Throughput Screening of iron-carbenes to catalyze olefin metathesis
Lunch				
Time	Session	#	Presenter	Title
14:30 - 15:00 h	Parallel 10 Room 1	KN35	J. Campos	Cooperation, Inhibition and other Bimetallic Synergies
15:00 - 15:20 h		IL73	F. Ekkehardt Hahn	Supramolecular Assemblies and Mechanically Interlocked Structures from poly-NHC Ligands
15:20 - 15:40 h		IL74	J-F. Soulé	P(III)-Directed Rhodium-Catalyzed C–H Functionalization: from Phosphine Ligand Optimization to Molecular Diversification
15:40 - 15:55 h		OP41	M. J. Ernst	Synthesis of Polyphospholide Anions from White Phosphorus and Polyphosphide Anions
14:30 - 15:00 h	Parallel 10 Room 2	KN36	Q-L. Zhou	Asymmetric Carbene Insertion into N–H Bonds
15:00 - 15:20 h		IL75	L. Rosenberg	Exploiting P–H Umpolung in Catalytic Reactions of Phosphines
15:20 - 15:40 h		IL76	Y. Nishihara	Palladium-Catalyzed Decarbonylative C–N Bond Formation via Unimolecular Fragment Coupling Reactions
15:40 - 15:55 h		OP42	G. Hu	Cooperative Bismuth–Chloride Control of the Catalytic Energy Landscape in Palladium–Catalyzed Aldol Reactions
14:30 - 15:00 h	Parallel 10 Room 3	KN37	P. C. Junk	New innovations in redox transmetalation chemistry involving rare earth metals
15:00 - 15:20 h		IL77	Z. Xie	Transition Metal Catalyzed Enantioselective B-H Functionalization of Carboranes
15:20 - 15:40 h		IL78	F. Dielmann	Monosubstituted Neutral Carbon Ambiphiles
15:40 - 15:55 h		OP43	B. C. Thompson	Heterobimetallic d/f-block Complexes Supported by a Tripodal Ligand Framework
14:30 - 15:00 h	Parallel 10 Room 4	KN38	E. Kirillov	Advances in Metallocene Catalysis toward Structurally Defined Polyolefins
15:00 - 15:20 h		IL79	R. A. Layfield	Rare-Earth Metallocene Dinitrogen Complexes as Reducing Agents
15:20 - 15:40 h		IL80	D. V. Uborsky	Rational design of novel hybrid [O,N,N] post-metallocene catalysts for highly efficient ethylene copolymerization
15:40 - 15:55 h		OP44	L. Vlk	Bimetallic Complexes of Flexible Biguanide Ligand
Coffee-break				
Time	Session	#	Presenter	Title
16:30 - 17:00 h	Parallel 11 Room 1	KN39	withdrawn	
17:00 - 17:20 h		IL81	F. Azambuja	Cluster-based Catalysis for Organic Synthesis
17:20 - 17:40 h		IL82	M. Gómez	Nanocatalytic materials: design and small molecule activation
17:40 - 17:55 h		OP45	withdrawn	
17:55 - 18:10 h		OP46	withdrawn	

Thursday, August 6, 2026				
Time	Session	#	Presenter	Title
16:30 - 17:00 h	Parallel 11 Room 2	KN40	Y. Nishibayashi	Molybdenum-Catalyzed Reduction of Molecular Dinitrogen into Ammonia under Mild Reaction Conditions
17:00 - 17:20 h		IL83	J. Scholten	Ionophilic catalysts for CO ₂ and biomass valorization
17:20 - 17:40 h		IL84	V. Jensen	Interplay between the Molybdenum Catalyst, Water, and Samarium Diodide in Dinitrogen Reduction to Ammonia
17:40 - 17:55 h		OP47	N. Hidalgo	C–H Activation as a Strategy for C–N Bond Formation from Hydrocarbons and Dinitrogen
17:55 - 18:10 h		OP48	J. Thaens	Breaking boundaries in Pd-catalyzed aminocarbonylation of olefins
16:30 - 17:00 h	Parallel 11 Room 3	KN41	A. A. Trifonov	η^2 -Olefin, Acetylene and κ^2 -Alkane Complexes of s- and f-Elements: New Approaches to Activation of C-C Multiple Bonds
17:00 - 17:20 h		IL85	D. Kunz	Selective synthesis of isomeric dinuclear Rh(CO) complexes of a saddle-shaped macrocyclic ligand
17:20 - 17:40 h		IL86	H. Guan	Secondary Phosphine Oxides as a Structural Motif to Build Pincer Complexes
17:40 - 17:55 h		OP49	J. J. Moreno	The increasingly less innocent C ₅ Me ₅ ligand
17:55 - 18:10 h		OP50	J. Saßmannshausen	Chain-walk' process of a Ru(II)-arene compound
16:30 - 16:50 h	Parallel 11 Room 4	IL87	J. A. Gladysz	Macrobicyclic Peptides with Pnictogen Bridgeheads (Bi, As, N); A Booming Area of Drug Development with Overlooked Complications and Opportunities
16:50 - 17:10 h		IL88	G. S. Smith	Reimagining Antimalarial Therapy through Bioorganometallic Chemistry
17:10 - 17:30 h		IL89	R. Le Lagadec	Increasing the anticancer properties of cyclometalated complexes with light
17:30 - 17:50 h		IL90	P. C. Andrews	Efficacy of Organo-Gallium Complexes towards Critical Multidrug Resistant Bacteria
17:50 - 18:05 h		OP51	N. D. Autar	Beyond Platinum: Redox-active Metallo drugs as Emerging Therapeutics in Triple-Negative Breast Cancer

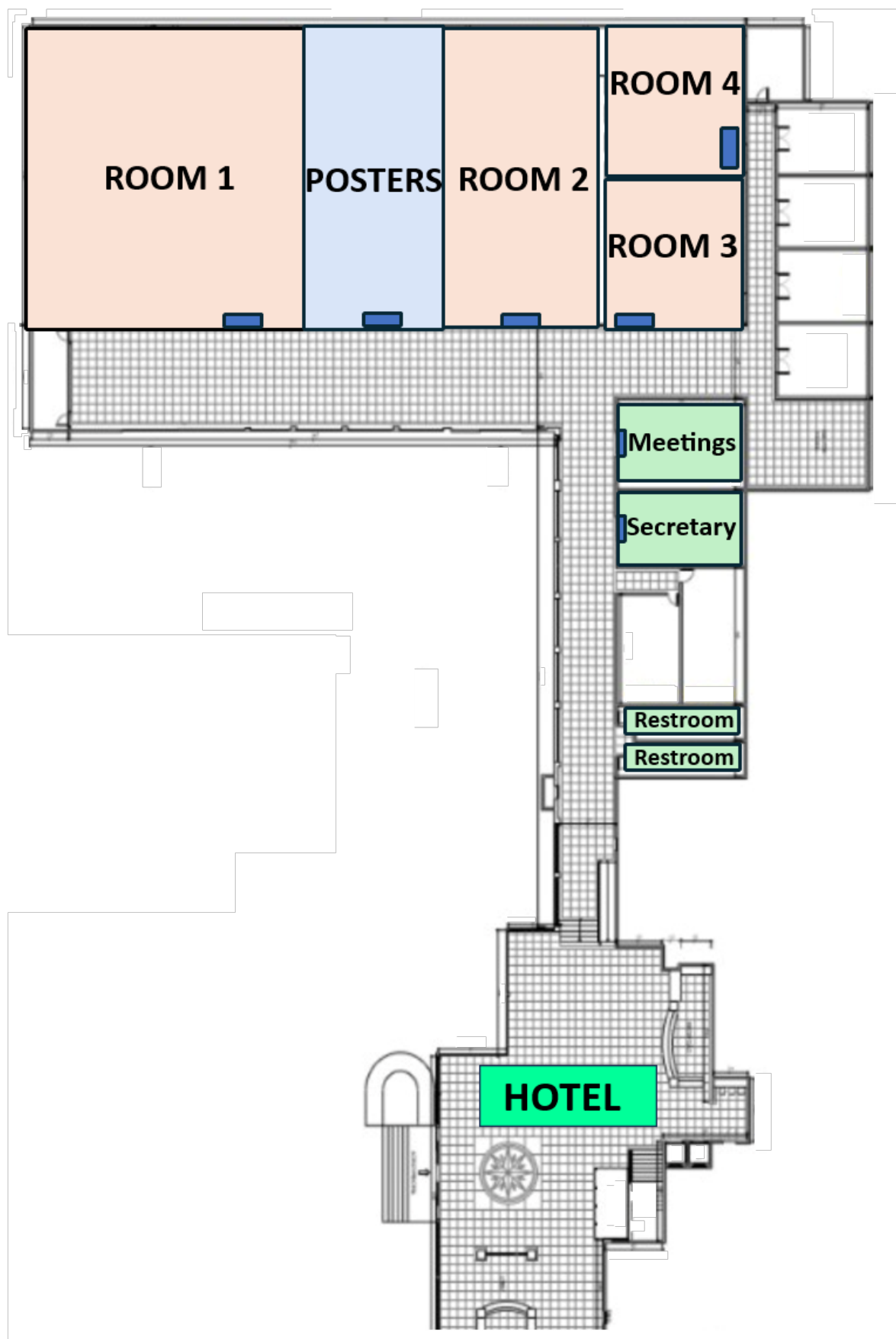
Friday, August 7, 2026				
Time	Session	#	Presenter	Title
09:00 - 09:30 h	Parallel 12 Room 1	KN42	A. S. K. Hashmi	Gold Catalysis: Photochemical Conversions, Azulenes and other Aspects
09:30 - 10:00 h		KN43	K. Junge	Redox Catalysis with Molecular-Defined Manganese Catalysts
10:00 - 10:30 h		KN44	C. Roque D. Correia	Palladium-Catalyzed Enantioselective Multicomponent Carbonylative Heck-Matsuda Reactions for the Construction of Complex Systems
10:30 - 11:30 h	Closing Ceremony/Poster Awards			

Poster #	Presenter	Title
P 01	A. C. Booth	Synthesis and Characterisation of Germanium Pseudohalides
P 02	H. Günther	A blue gas – Hexafluorothioacetone
P 03	L. Leyen	Cycloheptatrienyl-Bridged Triple-Decker Complexes
P 04	K. Mészáros	Synthesis of Dipyrromethene-stabilized Group 14 Dihydrogenpnictogenides
P 05	J. Nitzsche	Formation of Lewis Pairs between the 1-Bismolane Cation and Group 15 Bases
P 06	A. Saxena	Taming a Silicon-Bismuth Double Bond in Silylidenebismuthanes

P 07	P. A. M. Ocampo	Metal-ligand cooperation in iron and manganese complexes with picolyl-NHC ligands
P 08	M. E. Coldeira	Synthesis of Nickel(0) Mono- and Dibenzylideneacetone Complexes as Alternatives to Ni(COD) ₂
P 09	M. V. L. Ocampo	Luminescent silylene complexes of silver
P 10	withdrawn	
P 11	M. Damoc	Heteroleptic Combinations of Coinage Metal(I) Complexes with Cyclic Alkyl Amino Carbenes and Imidazoline-2-Iminato Ligands
P 12	K. Dollberg	Taming SbH ₃ : A Simple and Safe Approach to Using Stibane in Synthesis
P 13	J. Hagn	Lewis-Base stabilized Aluminum(III) Cations [(L)·AlR ₂] ⁺ : Synthesis, Characterization, and Application
P 14	S. Kebernik	Super flexible coordination: the metal matters
P 15	K. Oppel	Synthesis and Reactivity of coordinatively unsaturated Al radicals
P 16	B. S. Bernardes	Limonene as a Scaffold: Exploiting Ruthenium-Catalysis and Heterogeneous Oxidation for the Synthesis of Anti-Parasitic Candidates
P 17	B. S. Bernardes	Developing Robust Cross-Metathesis Protocols: From Model Alkenes to Highly Selective Bioactive Frameworks
P 18	H. Fehrmann	Development of a highly active catalyst system for the palladium catalysed isomerising methoxycarbonylation of alkenes
P 19	Q. Gu	Atroposelective Synthesis of Axially Chiral Indoles via Rh/Ir-Catalyzed Enantioselective C–H Functionalization
P 20	V. Ráliš	Novel Helical Cp Rhodium Complexes and Their Use in Asymmetric Catalysis
P 21	D. H. N. Santos	Photo-Assisted Auto-Tandem Suzuki–Miyaura Coupling and Transfer Hydrogenation Catalyzed by Ru–Pd Heterobimetallic Complexes
P 22	C. A. Silveira	A bifunctional ionophilic ruthenium catalyst for CO ₂ hydrogenation and formic acid dehydrogenation
P 23	C. A. Silveira	Nitro-Functionalized Imidazolium Salts as Acidic Catalysts for Cellulose Conversion to HMF
P 24	S D. Zambou	Palladium–dba Complexes Bearing Diphosphine Ligands: A Comparative Assessment of Their Catalytic Performance in C–C Coupling Reactions
P 25	A. A. S. Barbosa	Palladium-Catalyzed hydroxycarbonylation of renewable feedstocks using formic acid as CO and H ₂ O source under additive-free conditions
P 26	I. M. Barreto	Palladium-catalyzed asymmetric synthesis of new arylated bis-lactim ether derivatives using NYPhos as ligand
P 27	S. A. Gorbato	Enantioselective Carbonylative Heck–Matsuda–Stille Reaction of Allylic Alcohols for the Construction of Functionalized Methyl Ketones bearing a Quaternary Stereogenic Center at the beta-Position
P 28	V. M. Higa	One-pot synthesis of N-(hetero)arylsuccinimides from activated (hetero)arenes: the full use of NBS
P 29	G. H. C. Masson	Enantioselective Multistep Cascade Heck–Matsuda Catalyzed by Pd Complexes Bearing Chiral N,N-Ligands for the Divergent Synthesis of Functionalized Benzofurans and Spirobenzofurans
P 30	B. P. Nicola	Influence of Pyridyl N,N'-Chelating Ligands on Ni(II)-Catalyzed Ethylene Oligomerization: A Comparative Study of dpa, bpy and phen
P 31	D. V. A. Rezende	Epoxidation of (R)-Limonene Using Na[Ru(dppe) ₂] Complex and Hydrogen Peroxide (H ₂ O ₂)
P 32	T. Sakimori	Diastereodivergent Transformation of Cationic Alkenyl Electrophiles: Base-switchable Aziridination of Alkenyl Aminosulfoxonium Salts
P 33	P. Satta	Mild cross-coupling of tertiary alkoxides with aryl chlorides enabled by a shelf-stable methylnaphthyl palladium NHC Complex
P 34	W. V. F. C. Batista	Cyanoamelurate-Based Coordination Polymers for Visible-Light-Driven Selective Oxidation of Benzyl Alcohol
P 35	C. Bignardi	Visible-Light Iron(II) Photocatalysts for Radical and Cationic Polymerization
P 36	P. D. Branco	Continuous-Flow Iridium Photocatalysis Enabled by Hantzsch Esters for C–O Bond Cleavage in Lignin and Epoxy Oxidized Models
P 37	M. Vayer	Electrochemical Propargylation of N-Heterocycles: Unlocking the Potential of 2,3-Allenic Acids
P 38	H. Iwamoto	Synthesis of phenanthridines by Lewis acid-assisted Mallory reaction under visible light irradiation
P 39	K. N. Borba	Upcycling PET into UiO-66@TiO ₂ Photocatalysts for Hydrogen Evolution
P 40	I. G. Farias	CO DRIFT-FTIR as a supporting tool for the characterization of single atoms
P 41	M. H. Keller	Covalent Triazine Frameworks (CTFs) Complexed with Cu(II): Pore Size and Binding Site Effects in Guerbet Catalysis

P 42	I. R. S. Menezes	Cationic Exchange Enables a Library of Metal Single-Atom Catalysts on Poly(heptazine imide)
P 43	I. Reis	Surface Chemistry Controls Nickel Anchoring and Catalytic Selectivity in Nitrobenzene Reduction
P 44	L. L. B. Silva	Coordination Engineering of Cu-N Sites on TiO ₂ for Highly Selective Benzene Oxidation to Phenol
P 45	D. Sherstiukova	Cobalt Complexes with Modified Bipyridine-Based Pincer Ligands for Carbon Dioxide Hydroboration
P 46	S. P. Muhm	Hexaphenyl-1,2-Diphosphonium Dication [Ph ₃ P–PPh ₃] ²⁺ : Superacid, Superoxidant, or Super Reagent?
P 47	G. F. S. R. Rocha	Photocatalytic CO ₂ reduction into C ²⁺ products by Cu Single-Atoms on Crystalline Carbon Nitrides
P 48	B. R. Serino	Methane Photooxidation to C ²⁺ Products by Iron Single atoms supported on Carbon Nitride
P 49	A. A. Trifonov	New Classes of Ln ³⁺ -Based Single Molecule Magnets (SMM)
P 50	G. P. Correia	Synthesis and Structural Characterization of a Novel Citrate-Based BioMOF for Environmental Applications
P 51	B. S. Andrade	Understanding iron(II) and ruthenium(II) cyclopentadienyl complexes biological activity with N ⁴ P ligands for anticancer drug development
P 52	M. H. Garcia	New inhibitor of KRAS-mutated cancers: synthesis and characterization of PMC79 derivatives
P 53	E. Klaus	Cyclometalated C ⁴ N Au(III) complexes as warheads for proteolysis targeting chimeras (PROTACs) fighting cancer
P 54	R. Scotti	Ruthenium-Monocarbonyl Complexes for Transfer Hydrogenation: Mechanistic Insights
P 55	M. A. R. da Silva	Cu Single Atoms on Poly (Heptazine Imide): A Versatile Photocatalyst for Organic Coupling Reactions
P 56	A. B. R. Guimarães	A DFT Study on Mesoionic Nucleophiles in Gold(I)-Catalyzed Allene Activation
P 57	E. L. S. Souza	Ligand Conformational Flexibility Governs Selectivity Catalysis: A Combined Parametric and DFT Study
P 58	D. C. Araujo	Computational Study of the Effects of Noncovalent Templates on Selectivity in Palladium-Catalyzed C–H Olefination of Fluorobenzene
P 59	L. D. Dias	Hybrid Kaolinite-Based Catalysts Functionalized with Curcumin and Metalloporphyrins for Antibiotic Photodegradation
P 60	E. Lanaro	Manganese-Catalyzed Hydrogenative Depolymerization of Polycarbonates: Impact of Steric Bulk
P 61	B. G. Oosterom	Pd@MOF Catalyzed Suzuki-Miyaura Cross-Couplings Guided by Life Cycle, Safety and Toxicological Assessments
P 62	G. A. Ortega-Moreno	Biorenewable Itaconate-Based Ni(II) and Co(II) MOFs and Coordination Polymers for CO ₂ Adsorption and CO ₂ /CH ₄ Separation
P 63	L. S. Santos	HSAB-Driven Halide Effects on the Activation of Ru(II) Catalysts for Formic Acid Dehydrogenation
P 64	A. Torres-Calis	HAT-Driven Catalytic Alkene Hydrofunctionalizations with Copper(I)
P 65	C. G. Vieira	(1R,5R)-Sabinene selective hydroacetoxylation acid-catalyzed: Sustainable process for obtaining different monoterpene acetates
P 66	A. L. R. Balbino	Mechanochemical Synthesis of Gallate MOFs: A Sustainable Approach for the Efficient Production of Functional Materials
P 67	J. A. B. Carvalho	Bayesian Optimization of a Mechanochemical Nickel-Catalyzed Negishi Cross-Coupling Reaction
P 68	R. B. Costa	Cross-metathesis of terpenes with linear olefins for the synthesis of Sustainable Aviation Fuel components
P 69	R. J. Nienow	Upcycling PET Waste into MOF-235 Catalysts for CO ₂ Cycloaddition Using PET-Derived Terephthalic Acid
P 70	A. R. Zwir	Donor-Group Engineering in Iron and Cobalt Molecular Photocatalysts for Selective Visible-Light CO ₂ Reduction
P 71	P. Spies	Silsesquioxane-based Iminophosphoranes
P 72	S. Ringelband	Crystal structures and intermolecular interactions in α-, β- and γ-phosgene
P 73	P. J. Zambiasi	Enhanced CO ₂ Uptake through Structural Reorganization of ZIF-8 into Planar ZnN ₄ -Graphene Frameworks
P 74	A. E. Ibrahim	A State-of-Art Novel Deep Eutectic Solvents as Sustainable and Efficient Tools in Organometallic Framework Synthesis; Application to Green Catalysis and Luminescent Sensors
P 75	V. P. Gil	Photocatalytic CO ₂ -to-CO Reduction Using Fe(II) and Co(II) Bis(imidazole/pyridine) cyclohexyldiimine Complexes
P 76	M. H. M. Mendes	Synthesis of CZA catalysts by a one-pot mechanical route

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