5th European Conference on Metal Organic Frameworks and Porous Polymers

EUROMOF

24-27 September 2023 | Granada

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Chemisorption

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BET Surface Area
Investigation of Catalysts

Gas Adsorption

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WELCOME

Dear Ladies and Gentlemen,

We are very happy to welcome you at the 5th European Conference on Metal Organic Frameworks and Porous Polymers (EuroMOF2023).

The EuroMOF2023 Meeting follows previous successful Conferences held in Potsdam (2015), Delft (2017), Paris (2019) and Krakow (2021) having consolidated this event as a showcase for the vibrant activity around Reticular Chemistry in Europe and beyond.

This time, we bring this conference to the Southwest of Europe, Granada, Spain, from Sunday 24th to Wednesday 27th September 2023.

We plan to involve an impressive number of internationally renowned speakers to give Plenary, Keynote and Invited lectures, which will give the flavor of the State of the Art and Future of this vibrant research area.

We have organized the event around Thematic Sessions covering all aspects of reticulated materials, from synthesis up to industrial applications.

Moreover, a Young Investigator Symposium will be organized before the EuroMOF conference helping the future shaping of this field.

During EUROMOF a selection of companies in representation of the industrial fabric related to the theme of the talks, will occupy an important space to highlight the current and future challenges for the commercialization and industrialization of these materials and its applications.

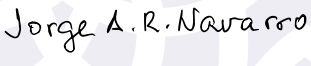
We will count on the active support of the vibrant Spanish Reticular Chemistry Community.

Importantly, our organizing committee as well as all the conference speakers, from the Plenary lectures to Oral communications and poster exhibitions, will be Gender-balanced. In addition, no discrimination on the basis of ethnicity, sexual orientation or belief will take place in this Conference.

We are looking forward to welcoming you in Granada and to your contribution to make EuroMOF23 a superb event!

Warm regards from EuroMOF23 Conference Chairs

PROF. DANIEL MASPOCH



PROF. JORGE A. R. NAVARRO

COMMITTEES

Local Organizing Committee:

Conference Chairs:

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ICREA Research Professor and Head of the Supramolecular NanoChemistry & Materials Group (NANOUP)

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Young Conference Chairs:

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José Sánchez Costa, IMDEA
Joaquín Silvestre, U. de Alicante
Felipe Gándara, Materials Science Institute of Madrid – CSIC
Aurelio Mateo-Alonso, POLYMAT
Stefan Wuttke, BCMaterials

COMMITTEES

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PROGRAMME AT A GLANCE

SUNDAY, SEPTEMBER 24			
15:50 – 18-15	REGISTRATION OPENS		
18:15 – 18:35	WELCOME RECEPTION		
TIME	**MANUEL DE FALLA**	**ANDALUCÍA 1+2+3**	**ALBÉNIZ-MACHUCA**
18:35 – 19:20	PLENARY 1 - SUSUMU KITAGAWA		
19:20 – 20:05	PLENARY 2 - MAKOTO FUJITA		
20:30 – 23:00	CONFERENCE MIXER		
MONDAY, SEPTEMBER 25			
TIME	**MANUEL DE FALLA**	**ANDALUCÍA 1+2+3**	**ALBÉNIZ-MACHUCA**
08:25 – 09:10	PLENARY 3 - OMAR YAGHI		
09:15 – 09:45	KL 1 - PAOLO FALCARO (S1)	KL 2 - KIM JELFS (S3)	KL 3 -SILVIA BORDIGA (S4)
09:45 – 10:45	COFFEE BREAK + POSTER SESSION A		
10:45 – 11:10	I 1 - FRANCOISE M. AMOMBO	I 3 - ROCIO SEMINO	I 5 - SIMONA GALLI
11:10 – 11:35	I 2 - ROSS FORGAN	I 4- GEORGE E. FROUDAKIS	I 6 - VOLODYMYR BON
11:35 – 13:05	ORAL COMMUNICATIONS 1-5	ORAL COMMUNICATIONS 6-10	ORAL COMMUNICATIONS 11-15
	OC-01 Constanze Neumann	OC-06 Yizhi Xu	OC-11 Armin Moser
	OC-02 Vincent Guillerm	OC-07 Peyman Z. Moghadam	OC-12 Sean Collins
	OC-03 Wei Yuan	OC-08 Yeonghun Kang	OC-13 Eder Amayuelas
	OC-04 Takashi Kitao	OC-09 Mihails Arhangelskis	OC-14 Fabian Knechtel
	OC-05 Elena López Maya	OC-10 Rochus Schmid	OC-15 Valentina Colombo
13:05 – 14:30	LUNCH BREAK		
14:30 – 15:15	PLENARY 4 JOACHIM SAUER		
15:20 – 15:50	KL 4 - CARLOS MARTÍ (S1)	KL 5 - MIRCEA DINCĂ (S5)	KL 6 - RAHUL BANERJEE (S6)
15:50 – 16:15	I 7 - WOJCIECH BURY	I 9 - ALEC TALIN	I 11 - HANA BUNZEN
16:15 – 17:05	COFFEE BREAK + POSTER SESSION B		
17:05 – 17:30	I 8 - YUE-BIAO ZHANG	I 10 - MANUEL SOUTO	I 12 - STEFAN KASKEL
17:30 – 19:00	ORAL COMMUNICATIONS 16-21	ORAL COMMUNICATIONS 22-26	ORAL COMMUNICATIONS 27-32
	OC-17 Hoi Ri Moon	OC-22 Jacopo Perego	OC-27 Sanchari Dasgupta
	OC-18 Laura Salonen	OC-23 Lars Heinke	OC-29 Sebastian Ehrling
	OC-19 Thomas M.Rosevear	OC-24 Inés Tejedor	OC-30 Daria Poloneeva
	OC-20 Lars Öhrström	OC-25 Bertrand Guillaume	OC-31 Kyriaki Koupepidou
	OC-21 Tianhao Xue OC-16 Francisco Sotomayor	OC-26 Ilich Ibarra	OC-32 Jeff Kenvin

Plenary (45 min), Keynote (KL, 30 min), Invited Lecture (I, 25 min), Oral Communication (OC, 15 min).

TUESDAY, SEPTEMBER 26			
TIME	**MANUEL DE FALLA**	**ANDALUCÍA 1+2+3**	**ALBÉNIZ-MACHUCA**
08:25 – 09:10	PLENARY 5 SARA BALS		
09:15 – 10:45	KL 7 – TATJANA N. PARAC-VOGT (S7)	KL 8 – CRISTOPH JANIAK (S10)	KL 9 – DAVID FAIRÉN JIMÉNEZ (S11)
09:45 – 10:45	COFFEE BREAK + POSTER SESSION C		
10:45 – 11:10	I 13-AMANDA J. MORRIS	I 15- JIA MIN CHIN	I 17- GUY DE WEIRELD
11:10 – 11:35	I 14-JÉRÒME CANIVET	I 16- YI LIU	I 18- ALEXANDRE JOHN CRUZ
11:35 – 13:05	ORAL COMMUNICATIONS 33-37	ORAL COMMUNICATIONS 38-42	ORAL COMMUNICATIONS 43-49
	OC-33 Tapas Maji	OC-38 Cristina Martin Alvarez	OC-43 Ray Ozdemir
	OC-34 Charlotte Simms	OC-39 Apeksha Singh	OC-46 Charles Toft
	OC-35 Dominik Eder	OC-40 Ben Slater	OC-47 Priyanshi Vadalia
	OC-36 Pedro Jesús Jabalera Ortiz	OC-41 Joel M. Cabañero Jr.	OC-48 Nicolas Sadovnik
	OC-37 Victor A. de la Peña O'Shea	OC-42 Beatriz Silva	OC-49 Jeroen van den Reijen
13:05 – 14:30	LUNCH BREAK		
14:30 – 15:15	PLENARY 6 HERMENEGILDO GARCIA		
15:20 – 15:50	KL 10 – SATOSHI HORIKE (S2)	KL 11 – PATRICIA HORCAJADA (S8)	KL 12 – CAMILLE PETIT (S9)
15:50 – 16:15	I 19- NIVEEN M. KHASHAB	I 21- MÓNICA GIMÉNEZ-MARQUÉS	I 23- KYRIAKOS STYLIANOU
16:15 – 17:05	COFFEE BREAK + POSTER SESSION D		
17:05 – 17:30	I 20- FLORIAN BEUERLE	I 22- RICARDO MENDES	I 24- STEFAN WUTTKE
17:30 – 19:00	ORAL COMMUNICATIONS 50-54	ORAL COMMUNICATIONS 55-59	ORAL COMMUNICATIONS 60-64
	OC-50 Stefano Canossa	OC-55 Tianhuai Xu	OC-60 Idaira Pacheco-Fernández
	OC-51 Sebastian Henke	OC-56 Tomoko Inose	OC-61 Yogeshwar More
	OC-52 Irena Senkovska	OC-57 Francesca Melle	OC-62 Osama Shekhah
	OC-53 Eric Bloch	OC-58 Mary Cano-Sarabia	OC-63 Francisco J. Carmona
	OC-54 Yingbo Zhao	OC-59 Pablo Serra Crespo	OC-64 Jesús Ferrando Soria
20:05 – 23:00	CONFERENCE BANQUET		

Plenary (45 min), Keynote (KL, 30 min), Invited Lecture (I, 25 min), Oral Communication (OC, 15 min).

WEDNESDAY, SEPTEMBER 27			
TIME	**MANUEL DE FALLA**	**ANDALUCÍA 1+2+3**	**ALBÉNIZ-MACHUCA**
08:25 – 09:10	PLENARY 7 CHRISTIAN SERRE		
09:15 – 09:45	KL13 – JONATHAN NITSCHKE (S2)	KL 14 – DANA D. MEDINA (S8)	KL 15 – WENDY LEE QUEEN (S9)
09:45 – 10:10	I 25- JARAD MASON	I 26- JEREMIAH J. GASSENSMITH	I 27- SARA ROJAS
10:10 – 10:40	ORAL COMMUNICATIONS 65-66	ORAL COMMUNICATIONS 67-68	ORAL COMMUNICATIONS 69-70
	OC-65 Sascha Ott	OC-67 Weibin Liang	OC-69 Maite Perfecto-Irigaray
	OC-66 Stuart James	OC-68 Isabel Pastoriza-Santos	OC-70 Chung-Kai Chang
10:40 – 11:10	COFFEE BREAK		
11:10 – 11:55	PLENARY 8 BETTINA V. LOTSCH		
11:55 – 12:10	BEST POSTER AND ORAL COMMUNICATION AWARDS		
12:10 – 12:30	CLOSING CEREMONY		

Plenary (45 min), Keynote (KL, 30 min), Invited Lecture (I, 25 min), Oral Communication (OC, 15 min).

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PLENARY LECTURES

Sunday, September 24

Manuel de Falla

18:35-19:20 **PLENARY 1 Kitagawa Susumu**
CHEMISTRY AND APPLICATION OF SOFT PCPS/MOFS
Chair: Daniel Maspoch and Jorge A. R. Navarro

19:20-20:05 **PLENARY 2 Makoto Fujita**
COORDINATION SELF-ASSEMBLY: FROM ORIGINS TO THE LATEST ADVANCES
Chair: Daniel Maspoch and Jorge A. R. Navarro

Monday, September 25

Manuel de Falla

08:25-09:10 **PLENARY 3 Omar Yaghi**
DIGITAL RETICULAR CHEMISTRY
Chair: Joachim Sauer

14:30-15:15 **PLENARY 4 Joachim Sauer**
QUANTUM CHEMICAL PREDICTIONS OF ADSORPTION STRUCTURES AND ISOTHERMS FOR SMALL MOLECULES IN MOFS
Chair: George Froudakis

Tuesday, September 26

Manuel de Falla

08:25-09:10 **PLENARY 5 Sara Bals**
NEW DEVELOPMENTS IN TRANSMISSION ELECTRON MICROSCOPY FOR 2D AND 3D INVESTIGATIONS OF MOFs
Chair: Patricia Horcajada

14:30-15:15 **PLENARY 6 Hermenegildo Garcia**
METAL-ORGANIC FRAMEWORKS AS SOLAR PHOTOCATALYSTS TO PRODUCE RENEWABLE FUELS
Chair: Jerome Cavinet

Wednesday, September 27

Manuel de Falla

08:25-09:10 **PLENARY 7 Christian Serre**
METAL ORGANIC FRAMEWORKS FOR INDOOR AIR QUALITY
Chair: Stefan Wuttke

11:10-11:55 **PLENARY 8 Bettina V. Lotsch**
(PHOTO)ELECTROCATALYSIS WITH MOLECULAR FRAMEWORKS: THE TOP AND THE BOTTOM OF THE ICEBERG
Chair: Stefan Wuttke

SYMPOSIA

S1 – SYNTHESIS

Monday, September 25

Manuel de Falla

09:15 – 09:45 **KL 1 Paolo Falcaro**
ZIF - BIOCOMPOSITES
Chair: Rebecca Vismara

09:45 – 10:45 **COFFEE BREAK + POSTER SESSION A**

10:45 – 11:10 **I 1 Francoise M. Amombo Noa**
RETICULAR CHEMISTRY OF HEXAGON BASED MOFs: SYNTHESIS, TOPOLOGY, FLEXIBILITY AND SF6 SORPTION PROPERTIES
Chair: Paolo Falcaro

11:10 – 11:35 **I 2 Ross Forgan**
TUNING PROPERTIES AND FUNCTIONALITY IN THE MODULATED SELF-ASSEMBLY OF METAL-ORGANIC FRAMEWORKS
Chair: Paolo Falcaro

11:35-13:05 **Oral Communications 01-05**
Chair: Paolo Falcaro

11:35-11:50 **OC-01** **Constanze Neumann**
PORE-SELECTIVE C–H FUNCTIONALIZATION OF MOF LINKERS

11:53-12:08 **OC-02** **Vincent Guillerm**
GEOMETRY MISMATCH AND REMATCH IN RETICULAR CHEMISTRY: PRINCIPLES, CHALLENGES, OPPORTUNITIES, AND ISORETICULAR ZEOLITE-LIKE MOFS

12:11-12:26 **OC-03** **Wei Yuan**
DYNAMIC HELICAL INVERSION IN A METAL–PEPTIDE FRAMEWORK

12:29-12:44 **OC-04** **Takashi Kitao**
PRECISE SYNTHESIS OF GRAPHENE NANORIBBONS USING METAL-ORGANIC FRAMEWORKS

12:47-13:02 **OC-05** **Elena López Maya**
VALORIZATION OF ALUMINIUM SLAGS BY PREPARATION OF METAL ORGANIC FRAMEWORKS

15:20-15:50 **KL 4 Carlos Martí-Gastaldo**
PRACTISING RETICULAR CHEMISTRY WITH TITANIUM-ORGANIC FRAMEWORKS
Chair: Aurelio Mateo

15:50-16:15 **I 7 Wojciech Bury**
ZIRCONIUM-BASED METAL-ORGANIC FRAMEWORKS AS PLATFORMS AND PRECURSORS FOR SELECTED CATALYTIC APPLICATIONS
Chair: Aurelio Mateo

16:15 – 17:05 **COFFEE BREAK + POSTER SESSION B**

17:05 – 17:30 **I 8 Yue-Biao Zhang**
DYNAMIC COVALENT ORGANIC FRAMEWORKS
Chair: Ross Forgan

17:30-19:15 **Oral Communications 16-21**
Chair: Ross Forgan

17:30-17:45 **OC-17** **Hoi Ri Moon**
RATIONAL DESIGN OF MOF@MOF ARCHITECTURES: SYNTHESIS, CHARACTERIZATION & APPLICATION

17:48-18:03 **OC-18** **Laura Salonen**
DEVELOPMENT OF COVALENT ORGANIC FRAMEWORKS FOR CATALYSIS

18:06-18:21 **OC-19** **Thomas M. Rosevear**
CONTROLLING THE PORE SPACE OF A DYNAMIC METAL-ORGANIC FRAMEWORK THROUGH POST-SYNTHETIC MODIFICATION

18:24-18:39 **OC-20** **Lars Öhrström**
DOT-, ROD- AND SHEET-MOFs: STRUCTURE, STABILITY AND GAS SORPTION

18:42-18:57 **OC-21** **Tianhao Xue**
INTERPENETRATED DONOR-ACCEPTOR HETEROJUNCTIONS IN 2D CONJUGATED DIBENZO[G,P] CHRYSENE-BASED KAGOME COVALENT ORGANIC FRAMEWORKS

19:00-19:15 **OC-16** **Francisco Sotomomayor**
INNOVATIVE TOOLKIT FOR THE CHARACTERIZATION OF MOFS AND ZEOLITES

S2 - EMERGING POROUS MATERIALS

Tuesday, September 26
Manuel de Falla

15:20-15:50 **KL 10 Satoshi Horike**
DESIGN METAL-CARBOXYLATE GLASSES AND COORDINATION POLYMER-FORMING LIQUIDS
Chair: Shuhei Furukawa

15:50-16:15 **I 19 Niveen M. Khashab**
COORDINATION AND SELF-ASSEMBLED CAPSULES (SACS) FOR PRECISION MEDICINE AND AGRICULTURE
Chair: Shuhei Furukawa

16:15-17:05 **COFFEE BREAK + POSTER SESSION B**

17:05-17:30 **I 20 Florian Beuerle**
FUNCTIONAL POROUS MATERIALS BASED ON BORONATE ESTER CAGES
Chair: Niveen Khashab

17:30-19:00 **Oral Communications 50-54**
Chair: Niveen Khashab

17:30-17:45 **OC-50** **Stefano Canossa**
INTRINSIC DISORDER IN METAL–ORGANIC FRAMEWORKS: AN UNTAPPED RESOURCE FOR RETICULAR DESIGN

17:48-18:03 **OC-51** **Sebastian Henke**
TUNING POROSITY, MELTING AND GLASS FORMATION IN ZEOLITIC IMIDAZOLATE FRAMEWORKS VIA FUNCTIONALIZATION AND MODIFICATION

18:06-18:21 **OC-52** **Irena Senkovska**
COOPERATIVE ASSEMBLY OF 2D-MOF NANOPLATELETS INTO HIERARCHICAL CARPETS AND TUBULAR SUPERSTRUCTURES

18:24-18:39 **OC-53** **Eric Bloch**
DESIGN AND SYNTHESIS OF POROUS SALTS

18:42-18:57 **OC-54** **Yingbo Zhao**
BOTTOM-UP SYNTHESIS OF MONOLITHIC GLASSY METAL-ORGANIC FRAMEWORKS AND THEIR APPLICATIONS FOR ALL-SOLID-STATE ELECTROLYTE

Wednesday, September 27

Manuel de Falla

09:15-09:45 **KL 13 Jonathan Nitschke**
A MENAGERIE OF CHEMICAL BEASTS AND THEIR STRANGE CAGES
Chair: Arnau Carné

09:45-10:10 **I 25 Jarad Mason**
TRANSPORTING GASES IN MICROPOROUS WATER
Chair: Arnau Carné

10:10-10:40 **Oral Communications 65-66**
Chair: Arnau Carné

10:10-10:25 **OC-65** **Sascha Ott**
CATION-COUPLED ELECTRON HOPPING TRANSPORT AND REDOX CONDUCTIVITY IN METAL-ORGANIC FRAMEWORKS

10:25-10:40 **OC-66** **Stuart James**
POROUS LIQUIDS - EMERGING MATERIALS FOR CHEMICAL SEPARATIONS

S3 - THEORY AND MODELLING

Monday, September 25
Andalucía 1+2+3

09:15-09:45 **KL 2 Kim Jelfs**
COMPUTATIONAL DISCOVERY OF POROUS MOLECULAR MATERIALS
Chair: Rocio Semino

09:45 – 10:45 **COFFEE BREAK + POSTER SESSION A**

10:45-11:10 **I 3 Rocio Semino**
SYNTHESISABILITY OF MOFs FROM A MODELLING AND DATA SCIENCE POINT OF VIEW
Chair: Kim Jelfs

11:10-11:35 **I 4 George E. Froudakis**
ARTIFICIAL INTELLIGENT AND DATA SCIENCE FOR DESIGNING MOFs
Chair: Kim Jelfs

11:35-13:05 **Oral Communications 06-10**
Chair: Kim Jelfs

11:35-11:50 **OC-06** **Yizhi Xu**
DESIGN OF METAL-ORGANIC FRAMEWORKS VIA HIGH THROUGHPUT AB INITIO CRYSTAL STRUCTURE PREDICTION METHOD WITH MACHINE LEARNING

11:53-12:08 **OC-07** **Peyman Z. Moghadam**
COMPUTATIONAL CHARACTERISATION AND SCREENING OF METAL ORGANIC FRAMEWORKS FOR CO2 CAPTURE IN THE PRESENCE OF HUMIDITY

12:11-12:26 **OC-08** **Yeonghun Kang**
A MULTI-MODAL PRE-TRAINING TRANSFORMER FOR UNIVERSAL TRANSFER LEARNING IN METAL–ORGANIC FRAMEWORKS

12:29-12:44 **OC-09** **Mihails Arhangelskis**
COMPUTATIONAL DESIGN OF METAL-ORGANIC FRAMEWORKS THROUGH CRYSTAL STRUCTURE PREDICTION

12:47-13:02 **OC-10** **Rochus Schmid**
MOFs ARE FINITE: SIMULATIONS OF NANOCRYSTALLITES

S4 - ADVANCED CHARACTERIZATION TECHNIQUES, IN SITU

Monday, September 25

Albéniz- Machuca

09:15-09:45 **KL 3 Silvia Bordiga**

CE-BASED MOFs, USED AS CATALYSTS AND STUDIED BY A SPECTROSCOPIST

Chair: Ilich Ibarra

09:45 – 10:45 **COFFEE BREAK + POSTER SESSION A**

10:45-11:10 **I 5 Simona Galli**

RATIONALIZING MOFs and COFs FUNCTIONAL PERFORMANCE JUXTAPOSING ADVANCED CHARACTERIZATION TECHNIQUES

Chair: Silvia Bordiga

11:10-11:35 **I 6 Volodymyr Bon**

IN SITU STUDIES OF GUEST-INDUCED SWITCHING IN MOFs: DIFFERENT PERSPECTIVES AT NANO- AND MACROSCALE

Chair: Silvia Bordiga

11:35-13:05 **Oral Communications 11-15**

Chair: Silvia Bordiga

11:35-11:50 **OC-11** **Armin Moser**
INVESTIGATION OF POROUS MATERIALS USING X-RAYS: IN-SITU AND OPERANDO X-RAY DIFFRACTION (XRD) AND SMALL-ANGLE X-RAY SCATTERING (SAXS) FOR A DEEP UNDERSTANDING OF MATERIAL PROPERTIES

11:53-12:08 **OC-12** **Sean Collins**
DISORDERED AND AMORPHOUS PHASES IN FE-BTC UNDER THE MICROSCOPE: NANOBEAM ELECTRON DIFFRACTION AND PAIR DISTRIBUTION FUNCTION ANALYSIS

12:11-12:26 **OC-13** **Eder Amayuelas**
WATER INTRUSION MECHANISM INTO ZIF-8: ON THE TRAIL OF WATER PERCOLATION THROUGH NANOCAGES

12:29-12:44 **OC-14** **Fabian Knechtel**
FOLLOWING WATER UPTAKE IN METAL-ORGANIC FRAMEWORKS IN-SITU

12:47-13:02 **OC-15** **Valentina Colombo**
COMBINED X-RAY BASED TECHNIQUES FOR THE RATIONALIZATION OF STRUCTURE MODIFICATIONS DURING ADSORPTION ANDCATALYSIS IN MOFS

S5 - PHYSICAL PROPERTIES

Monday, September 25
Andalucía 1+2+3

15:20-15:50 **KL 5 Mircea Dinca**
ANISOTROPIC ELECTRICAL CONDUCTIVITY IN METAL-ORGANIC FRAMEWORKS
Chair: Valentina Colombo

15:50-16:15 **I 9 Alec Talin**
TUNABLE INTERVALENCE CHARGE TRANSFER IN PRUSSIAN BLUE ANALOGUES ENABLES STABLE AND EFFICIENT BIOCOMPATIBLE ARTIFICIAL SYNAPSES
Chair: Valentina Colombo

16:15-17:05 **COFFEE BREAK + POSTER SESSION B**

17:05-17:30 **I 10 Manuel Souto**
EXPLOITING THE VERSATILITY OF ELECTROACTIVE ORGANIC BUILDING BLOCKS FOR THE CONSTRUCTION OF FUNCTIONAL FRAMEWORK MATERIALS
Chair: Alec Talin

17:30-19:00 **Oral Communications 22-26**
Chair: Alec Talin

17:30-17:45 **OC-22** **Jacopo Perego**
LUMINESCENT MOFs ARCHITECTURES FOR RADIOACTIVE GAS DETECTION AND ENGINEERING LARGE STOKES SHIFT

17:48-18:03 **OC-23** **Lars Heinke**
PHOTOSWITCHABLE MOF FILMS: FROM MODEL SYSTEMS OF LIGHT-INDUCED CHIRALITY AND MOLECULAR MOTORS TO PHOTOACTUATING FILMS

18:06-18:21 **OC-24** **Inés Tejedor**
AEROSOL JET PRINTING OF DENSE MOF FOR MAGNETIC LOCAL REFRIGERATION

18:24-18:39 **OC-25** **Bertrand Guillaume**
RADIOACTIVITY DETECTION, A NEW APPLICATION FOR FLUORESCENT MOFS

18:42-18:57 **OC-26** **Ilich Ibarra**
GUEST-INDUCED METAL-LINKER BOND DYNAMICS IN MFM-300

S6 - ADSORPTION

Monday, September 25

Albéniz- Machuca

15:20-15:50 **KL 6 Rahul Banerjee**

POROUS COVALENT ORGANIC FRAMEWORK NANOTUBES (CONTs)

Chair: Stefan Kaskel

15:50-16:15 **I 11 Hana Bunzen**

GAS STORAGE IN MOFs WITH NARROW PORE APERTURES

Chair: Stefan Kaskel

16:15-17:05 **COFFEE BREAK + POSTER SESSION B**

17:05-17:30 **I 12 Stefan Kaskel**

IN SITU INSIGHTS INTO ADSORPTION KINETICS OF FLEXIBLE METAL-ORGANIC FRAMEWORKS

Chair: Hana Bunzen

17:30-19:00 **Oral Communications 27-32**

Chair: Hana Bunzen

17:30-17:45 **OC-27** **Sanchari Dasgupta**
CAPTURE OF VOLATILE ORGANIC COMPOUNDS BY MOFS FOR THE PRESERVATION OF CULTURAL HERITAGE

17:48-18:03 **OC-29** **Sebastian Ehrling**
TUNING THE GATE OPENING PRESSURE OF A FLEXIBLE MOF BY METAL SUBSTITUTION AND ADSORPTION TEMPERATURE

18:06-18:21 **OC-30** **Daria Poloneeva**
MACROPOROUS ZIF-67 FOR EFFECTIVE MEMBRANE SEPARATION

18:24-18:39 **OC-31** **Kyriaki Koupepidou**
ONE ATOM CAN MAKE ALL THE DIFFERENCE: GAS-INDUCED PHASE TRANSFORMATIONS IN BISIMIDAZOLE LINKEDDIAMONDOID COORDINATION NETWORKS

18:42-18:57 **OC-32** **Jeff Kenvin**
ASSESSING THE TEXTURE & PERFORMANCE OF POROUS MATERIALS USING ADSORPTION

S7- CATALYSIS

Tuesday, September 26
Manuel de Falla

09:15-09:45 **KL 7 Tatjana N. Parac-Vogt**
METAL ORGANIC FRAMEWORKS AS NANOZYMES FOR BREAKING AND MAKING PEPTIDE BONDS
Chair: Hermenegildo García

09:45 – 10:45 **COFFEE BREAK + POSTER SESSION C**

10:45-11:10 **I 13 Amanda J. Morris**
ELUCIDATING THE MECHANISMS OF PHOTO-INDUCED CATALYSIS IN METAL ORGANIC FRAMEWORKS
Chair: Tatjana N. Parac-Vogt

11:10-11:35 **I 14 Jérôme Canivet**
MOF-BASED MOLECULAR CATALYSTS FOR THE LIGHT-DRIVEN CONVERSION OF CARBON DIOXIDE
Chair: Tatjana N. Parac-Vogt

11:35-13:05 **Oral Communications 33-37**
Chair: Tatjana N. Parac-Vogt

11:35-11:50 **OC-33** **Tapas Kumar Maji**
ARTIFICIAL PHOTOSYNTHESIS: POST-MODIFIED MOFS AS CATALYST TOWARDS SOLAR FUEL PRODUCTION

11:53-12:08 **OC-34** **Charlotte Simms**
ENHANCING THE ACTIVITY OF MOFS AS HETEROGENEOUS CATALYST MATERIALS THROUGH SYNTHETIC MODIFICATIONS: EXPLORING THE STRUCTURE-ACTIVITY RELATIONSHIP

12:11-12:26 **OC-35** **Dominik Eder**
SELECTIVE LIGAND REMOVAL AS A POWERFUL STRATEGY TOWARDS ADVANCED PHOTOCATALYSTS

12:29-12:44 **OC-36** **Pedro Jesús Jabalera Ortiz**
PHOTOCATALYTIC REDUCTION OF ORGANIC SUBSTRATES BY ZIRCONIUM METAL-ORGANIC POLYHEDRA

12:47-13:02 **OC-37** **Víctor A. De La Peña O´Shea**
BODIPY BASED COVALENT ORGANIC FRAMEWORKS AND HYBRID HETEROJUNCTIONS FOR SOLAR H_2 PRODUCTION

S8 - BIOLOGICAL AND MEDICINAL ASPECTS

Tuesday, September 26

Andalucía 1+2+3

15:20-15:50 **KL 11 Patricia Horcajada**

IMMUNE/CHEMO-ACTIVE NANOMOFs MULTITHERAPY

Chair: Sara Rojas

15:50-16:15 **I 21 Mónica Giménez-Marqués**

ALTERNATIVE SYNTHETIC APPROACHES TO ACCESS NEW MOF BIOHYBRID ARCHITECTURES

Chair: Sara Rojas

16:15-17:05 **COFFEE BREAK + POSTER SESSION D**

17:05-17:30 **I 22 Ricardo Mendes**

COORDINATION COMPOUNDS AS MULTI-DELIVERY SYSTEMS FOR OSTEOPOROSIS

Chair: Mónica Giménez-Marqués

17:30-19:00 **Oral Communications 55-59**

Chair: Mónica Giménez-Marqués

17:30-17:45 **OC-55** **Tianhuai Xu**
SELF-POWERED TACTILE SENSING FOR SOFT ROBOTS UTILIZING A MOF-BASED TRIBOELECTRIC NANOGENERATOR

17:48-18:03 **OC-56** **Tomoko Inose**
INTEGRATION OF PHOTO-RESPONSIVE MOF WITH PLASMONIC NANOWIRE TOWARDA NOVEL PLATFORM FOR INTRACELLULAR DELIVERY

18:06-18:21 **OC-57** **Francesca Melle**
DELIVERY OF PANCREATIC CANCER DRUGS USING METAL-ORGANIC FRAMEWORKS (MOFS)

18:24-18:39 **OC-58** **Mary Cano-Sarabia**
LIPID-MOFCOMPOSITES AS POTENTIAL DRUG DELIVERY SYSTEMS

18:42-18:57 **OC-59** **Pablo Serra Crespo**
METAL-ORGANIC FRAMEWORKS FOR THE PRODUCTION OF ISOTOPES OF MEDICAL INTEREST

Wednesday, September 27

Andalucía 1+2+3

09:15-09:45 **KL 14 Dana D. Medina**
STITCH AND TAILOR-THE CRAFT OF TUNING THE CHEMICAL AND STRUCTURAL CHARACTER OF COVALENT ORGANIC FRAMEWORKS
Chair: Victor de la Peña

09:45-10:10 **I 26 Jeremiah J. Gassensmith**
GUNS, GERMS, AND MOFs
Chair: Victor de la Peña

10:10-10:40 **Oral Communications 67-68**
Chair: Victor de la Peña

10:10-10:25 **OC-67** **Weibin Liang**
ENHANCE BIOACTIVITY OF ENZYME/MOF BIOCOMPOSITE VIA PORE APERTURE ENGINEERING

10:25-10:40 **OC-68** **Isabel Pastoriza-Santos**
SYNTHESIS OF PLASMONIC ZIF-8 METAL-ORGANIC FRAMEWORKS FOR SENSING

S9 - ENVIRONMENTAL APPLICATIONS

Tuesday, September 26
Albéniz - Machuca

15:20-15:50 **KL 12 Camille Petit**
SHAPING ZIF MACROSTRUCTURES FOR CO2 CAPTURE AND PHOTOREDUCTION
Chair: Pablo Garrido

15:50-16:15 **I 23 Kyriakos Stylianou**
DESIGNING MATERIALS FOR PHOTOCATALYSIS
Chair: Pablo Garrido

16:15-17:05 **COFFEE BREAK + POSTER SESSION D**

17:05-17:30 **I 24 Stefan Wuttke**
MOF APPLICATIONS: WHAT IS THE PROBLEM?
Chair: Kyriakos Stylianou

17:30-19:00 **Oral Communications 60-64**
Chair: Kyriakos Stylianou

17:30-17:45 **OC-60** **Idaira Pacheco-Fernández**
PORE-NETWORKED MEMBRANE FOR TRACE-LEVEL SEPARATION OF EMERGING POLLUTANTS IN ENVIRONMENTAL WATER

17:48-18:03 **OC-61** **Yogeshwar More**
NANOTRAP GRAFTING IN THE MICROENVIRONMENT OF CATION EXCHANGEABLE MOF FOR EFFICIENT URANIUM EXTRACTION FROM SEAWATER

18:06-18:21 **OC-62** **Osama Shekhah**
A CO2-RECOGNITION METAL-ORGANIC FRAMEWORK MEMBRANE FOR CONTINUOUS CARBON CAPTURE

18:24-18:39 **OC-63** **Francisco J. Carmona**
ZR-MOFS AS ADSORBENTS FOR DETOXIFYING AGRICULTURE WASTEWATER BY NUTRIENT RECOVERY

18:42-18:57 **OC-64** **Jesus Ferrando Soria**
METAL-ORGANIC FRAMEWORKS (MOFS), MULTIVARIATE-MOFS 1 (MTV-MOFs), WATER REMEDIATION

Wednesday, September 27

Albéniz - Machuca

09:15-09:45 **KL 15 Wendy Lee Queen**

MODIFYING MOFs FOR SELECTED GAS AND LIQUID SEPARATIONS: NOVEL LIGAND AND COMPOSITE DESIGN

Chair: Francisco J. Carmona

09:45-10:10 **I 27 Sara Rojas**

METAL-ORGANIC FRAMEWORKS: FROM WATER DECONTAMINATION TO AGRICULTURE

Chair: Francisco J. Carmona

10:10-10:40 **Oral Communications 69-70**

Chair: Francisco J. Carmona

10:10-10:25 **OC-69** **Maite Perfecto-Irigaray**

CONTROLLING SELECTIVITY IN THE PHOTOCATALYTIC CONVERSION OF CO_2 INTO ALCOHOLS THROUGH TI-BASED METAL-ORGANIC AEROGELS

10:25-10:40 **OC-70** **Chung-Kai Chang**

TUNING GAS SEPARATION PROPERTIES OF MOF MEMBRANES VIA MIXED-LINKER STRATEGY FOR CO_2 SEPARATION

S10 – ENERGY

Tuesday, September 26

Andalucía 1+2+3

09:15-09:45 **KL 8 Christoph Janiak**

METAL-ORGANIC FRAMEWORKS, (MOFs) FOR WATER SORPTION FOR CYCLING HEAT TRANSFORMATION PROCESSES

Chair: Satoshi Horike

09:45 – 10:45 **COFFEE BREAK + POSTER SESSION C**

10:45-11:10 **I 15 Jia Min Chin**

CONTROLLING MOF MATERIALS ACROSS MULTIPLE LENGTH SCALES

Chair: Christoph Janiak

11:10-11:35 **I 16 Yi Liu**

FUNCTIONAL COVALENT ORGANIC FRAMEWORKS WITH "IRREVERSIBLE" COVALENT BONDS

Chair: Christoph Janiak

11:35-13:05 **Oral Communications 38-42**

Chair: Christoph Janiak

11:35-11:50 **OC-38** **Cristina Martin Alvarez**
METAL-ORGANIC FRAMEWORKS AS ACTIVE LAYER FOR LIGHTING APPLICATIONS

11:53-12:08 **OC-39** **Apeksha Singh**
DESIGNING COVALENT ORGANIC FRAMEWORK-BASED ELECTROLYTE FOR FAST CHARGING SODIUM-ION BATTERIES

12:11-12:26 **OC-40** **Ben Slater**
INVESTIGATING THE MORPHOLOGICAL AND TOPOLOGICAL INFLUENCES ON THE TRIBOELECTRIC PERFORMANCE OF ZIFS

12:29-12:44 **OC-41** **Joel M. Cabañero**
SODIUM METAL-ORGANIC FRAMEWORKS SUBSTITUTED HARD CARBONS AS HIGH-RATE NEGATIVE ELECTRODES FOR SODIUMION BATTERIES

12:47-13:02 **OC-42** **Beatriz Silva**
MODELLING AND OPTIMIZATION OF ADSORPTION BASED HEAT PUMPS: A NOVEL MATERIAL SCREENING APPROACH BASED ON PARTICLE SWARM OPTIMIZATION

S11 - TOWARDS INDUSTRIALIZATION

Tuesday, September 26
Albéniz-Machuca

09:15-09:45 **KL 9 David Fairén Jiménez**
MATERIALS DISCOVERY AND MOLECULAR ENGINEERING OF MOFs
Chair: Carlos Martí-Gastaldo

09:45 – 10:45 **COFFEE BREAK + POSTER SESSION C**

10:45-11:10 **I 17 Guy De Weireld**
LAB-PILOT SCALE CO2 CAPTURE VACUUM PESSURE SWING ADSORPTION USING MOFs
Chair: David Fairén Jiménez

11:10-11:35 **I 18 Alexandre John Cruz**
LAB TO FAB: NEXT-GENERATION DIRECT AIR CAPTURE ENABLED BY METAL-ORGANIC FRAMEWORKS, THE CASE OF BAKER HUGHES MOSAIC MATERIALS
Chair: David Fairén Jiménez

11:35-13:05 **Oral Communications 43-49**
Chair: David Fairén Jiménez

11:35:11:50 **OC-43** **Ray Ozdemir**
METAL ORGANIC FRAMEWORKS BASED SOLID STATE ELECTROLYTES FOR IMPROVED BATTERY SAFETY

12:53-12:08 **OC-46** **Charles Toft**
METAL-ORGANIC FRAMEWORKS (MOFs): EMERGING ADSORBENTS FOR POST-COMBUSTION CO_2 CAPTURE

12:11-12:26 **OC-47** **Priyanshi Vadalia**
MECHANICALLY STRONG SHAPED MOFS INTRODUCED WITH CIRCULARITY

12:29-12:44 **OC-48** **Nicolas Sadovnik**
SQUAIRTECH: MOFS SORBENTS FOR INDOOR AIR QUALITY

12:47-13:02 **OC-49** **Jeroen van den Reijen**
DEVELOPING ADSORBENTS AND EVALUATING ADSORBENT PERFORMANCE USING PARALLEL, SMALL SCALE TESTING – HIGH THROUGHPUT METHODOLOGY APPLIED TO CO_2 CAPTURE FROM VARIOUS STREAMS

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POSTER SESSION

Monday, September 25
Exhibition Area - Floor 1

- S1 Synthesis (P-001 – P-090)
- S3 Theory and modelling (P-091 – P-134)
- S4 Advanced characterization techniques, in situ (P-135 – P-166)
- S5 Physical properties (P-167 – 199)
- S6 Adsorption (P-200 – P-248)

09:45 – 10:45 **POSTER SESSION A**
ODD presenting codes

16:15 – 17:05 **POSTER SESSION B**
EVEN presenting codes

Tuesday, September 26
Exhibition Area - Floor 1

- S2 Emerging porous materials (P-249 – P-316)
- S7 Catalysis (P-317 – P-371, P-483)
- S8 Biological and medicinal aspects (P-372 – P-403)
- S9 Environmental applications (P-404 – P-448)
- S10 Energy (P-449 – P-469)
- S11 Towards industrialization (P-470 – P-482)

09:45 – 10:45 **POSTER SESSION C**
ODD presenting codes

16:15 – 17:05 **POSTER SESSION D**
EVEN presenting codes

S1 – SYNTHESIS

P-001 Karen Marlenne Garcia Alvarez
A 3D-BORTHIIN-BASED COVALENT-ORGANIC FRAMEWORK

P-002 Callum Rosenberg
AMBIENTLY STABLE NAPHTHALENEDIIMIDE RADICALS FOR SYNTHESIS OF RADICAL BEARING METAL-ORGANIC FRAMEWORKS

P-003 Catarina Ribeiro
ANTHRAQUINONE-BASED MOF AS ELECTRODE MATERIAL FOR LITHIUM BATTERIES

P-004 Aleksandr Sapianik
ARCHITECTURE INSPIRED FACE-DIRECTED ASSEMBLY STRATEGY FOR THE DESIGN AND FINE-TUNING OF ISORETICULAR METAL-ORGANIC FRAMEWORKS USING CENTRING STRUCTURE DIRECTING AGENTS

P-005 Jakob Rath
ATOMIC LAYER DEPOSITION OF TI-MIL-125-LIKE METAL-ORGANIC-FRAMEWORK THIN FILMS TOWARDS HYDROGEN EVOLUTION PHOTOCATALYSTS IN WATER SPLITTING

P-006 Katharina Muggli
CARBAZOLE-BASED COVALENT ORGANIC FRAMEWORKS WITH ADJUSTABLE HYDROPHOBICITY

P-007 Aljaž Škrjanc
CARBONYL-SUPPORTED COORDINATION IN IMIDAZOLATES: A PLATFORM FOR DESIGNING NICKEL-BASED ZIFS

P-008 Yu Jin Kang
CHARACTERISTIC AND STABILITY OF THE ENCAPSULATING BAKUCHIOL WITH CYCLODEXTRIN BASED MOFS

P-009 Laura Hernández López
CLICK CHEMISTRY ON METAL-ORGANIC POLYHEDRA

P-010 Sara Ruiz Relaño
CLIP-OFF CHEMISTRY AS A SYNTHETIC APPROACH FOR NOVEL DISCRETE METAL-ORGANIC COMPLEXES

P-011 Jorge Albalad
CLIP-OFF CHEMISTRY: SYNTHESIS BY DISASSEMBLY OF RETICULAR MATERIALS

P-012 Lingxin Meng
CO-ASSEMBLY OF POLYHEDRAL ZIF-8 PARTICLES INTO BINARY SUPERSTRUCTURES

P-013 Damian Jędrzejowski
COMBINATION OF SALE AND IEDDA SYNTHETIC STRATEGIES TO OBTAIN STABLE MOFS FOR PROTON CONDUCTION

P-014 Salaun Pauline
COMBINING COVALENT ORGANIC FRAMEWORKS AND POLYMERS FOR THE SYNTHESIS OF RASPBERRY PARTICLES WITH A RADIAL SINGLE-CRYSTAL GRAIN ORIENTATION

P-015 Chao Sun
CONTINUOUS SYNTHESIS OF A PROTON-CONDUCTING SULFONATE MOF

P-016 Richard Engemann
DELAMINATION STRATEGY OF TWO-DIMENSIONAL MOF AND ASSEMBLY OF NANOPARTICLES INTO LARGE SUPERSTRUCTURES

P-017 Jiun-Jen Chen
DESIGN AND OPERATION OF A PILOT-SCALE METAL-ORGANIC FRAMEWORKS PRODUCTION PROCESS

P-018 David Villalgordo Hernández
DESIGN OF LEWIS ACID-BASE HETEROGENEOUS CATALYST BY ZIF-8 POST-SYNTHETIC MODIFICATION

P-019 Khaled Dassouki
DESIGN OF METAL-ORGANIC-FRAMEWORKS-BASED COMPOSITES FOR VISIBLE-LIGHT-DRIVEN HETEROGENEOUS PHOTOCATALYSIS

P-020 Alena Winter
DESIGNING HYPER-FUNCTIONAL MOF AND COF LINKERS

P-021 Mohamed Amedjkouh
ENABLING A BIOINSPIRED N,N,N- COPPER COORDINATION THROUGH SPATIAL CONTROL IN UIO-67: SYNTHESIS AND REACTIVITY TOWARDS H_2O AND O_2

P-022 Pablo Salcedo-Abraira
EXPLORING THE REACTIVITY OF 2,5-DIMERCAPTOTEREPHTHALIC ACID WITH M^{III} CATIONS TO PRODUCE REDOX ACTIVE MOFS

P-023 José Giner Planas
EXPLORING THE VERSATILITY OF CARBORANE-BASED METAL-ORGANIC FRAMEWORKS: SYNTHESIS, CHARACTERIZATION, AND APPLICATIONS

P-024 Daehyun Ahn
EXTENDING HYDRAZONE BASED [2]CATENANE INTO POLYMER NETWORK USING PERRHENATE

P-025 Przemysław J. Jodłowski
FROM CRYSTAL PHASE MIXTURE TO PURE METAL-ORGANIC FRAMEWORKS – TUNING PORE AND STRUCTURE PROPERTIES

P-026 Dongsik Nam
FROM MOFS TO CLUSTERS VIA CLIP-OFF CHEMISTRY

P-027 Ciara Byrne
GREEN SYNTHESIS METHODS OF ZIF-71 AND ZIF-93 FOR THERMAL BATTERY APPLICATIONS

P-028 Juan Jesús Romero Guerrero
GROWTH AND CHARACTERIZATION OF SURFACE-ANCHORED ZIF-8 CRYSTALS INTO TIO2 MICROCOLUMNAR FILMS

P-029 Paolo Pelagatti
GUEST INDUCED DYNAMICITY IN A MICROPOROUS MIXED-LIGAND MOF

P-030 Mohamed Infas Haja Mohideen
HALIDE INDUCED SINGLE CRYSTAL - SINGLE CRYSTAL STRUCTURAL TRANSFORMATION

P-031 Shouyi Tian
HEXACOORDINATE SI/GE-BASED LINKERS FOR MOF CONSTRUCTION

P-032 Ignacio Muñoz Alonso
HIGHLY CRYSTALLINE AND FULLY CONJUGATED 3D CYCLOOCTATETRAENE-BASED COVALENT ORGANIC FRAMEWORKS

P-033 Dario Giovanardi
"HOW TO GET A WAY WITH THE ENTANGLEMENT": THE ROLE OF LIGANDS IN THE FINAL ARCHITECTURE OF ML-MOFS

P-034 Víctor K. Abdelkader-Fernández
IMPACT OF COLD PLASMA TREATMENTS ON THE STRUCTURE AND ELECTROCATALYTIC BEHAVIOR OF ZIF-67 NANOMATERIALS

P-035 David Rodriguez-Lucena
INCORPORATION OF LUMINESCENT POROUS INTERPENETRATED ZIRCONIUM FRAMEWORKS INTO POLYMERIC FILMS FOR SELECTIVE GAS SENSING

P-036 Marcus Fischer
IN-SITU MONITORING OF METAL-ORGANIC FRAMEWORK SYNTHESIS WITH ULTRASONIC DIAGNOSTICS

P-037 Lukas Alexander Mönkeberg
INVESTIGATION OF ALKYNE ENCLOSED ROTATABLE DIPOLAR GROUPS IN THE BACKBONE OF LINKERS IN METAL-ORGANIC FRAMEWORKS

P-038 Georgia Orton
ISOLATION AND REACTIVITY OF REACTIVE SPECIES WITHIN METAL-ORGANIC FRAMEWORKS

P-039 Francesca Nerli
LIGAND ENGINEERING IN MIL-140A(CE) METAL-ORGANIC FRAMEWORKS FOR BIOGAS UPGRADING

P-040 Francisco G. Moscoso
LUMINESCENT CD-DOPED ZIF-8 AS AN EFFECTIVE MATERIAL FOR THE DETECTION OF SULFIDE IONS

P-041 Lena Pilz
MACHINE LEARNING BASED SYNTHESIS-OPTIMIZATION IN METAL-ORGANIC FRAMEWORK THIN FILMS

P-042 Michel Dumon
MACRO POROUS OPEN-CELL POLYMER STRUCTURES FROM RESIN IMPREGNATION OF SACRIFICIAL "NATURAL TEMPLATES" AND MICRO TO NANO OPEN AND CLOSED-CELL POLYMER FOAMS BY SUPERCRITICAL CO_2

P-043 Andrea Sala
MECHANOCHEMICAL SYNTHESIS AND STRUCTURAL CHARACTERIZATION VIA 3D ELECTRON DIFFRACTION OF NOVEL BIO-MOFS FOR WATER PURIFICATION

P-044 Matjaž Mazaj
METAL OXIDE-DERIVED MOF/POLYMER COMPOSITES THROUGH PICKERING EMULSION TEMPLATING FOR IMPROVED CO2 CAPTURE PERFORMANCES

P-045 Walter Damian Guerra
METAL-ORGANIC MATERIALS WITH TRIS-OXAMATE-BASED LIGANDS: SYNTHESIS AND STRUCTURAL CHARACTERIZATION

P-046 Romy Ettlinger
MIX AND MATCH – ROOM TEMPERATURE SYNTHESIS OF MIXED-METAL METAL-ORGANIC FRAMEWORKS

P-047 Yi Luo
MOF SYNTHESIS PREDICTION ENABLED BY AUTOMATIC DATA MINING AND MACHINE LEARNING

P-048 Nele Marquardt
MOF-808 DOPED WITH TRANSITION METALS AND LANTHANIDES FOR BARCODE DESIGN

P-049 Paulina Hidalgo
MOFS BASED ON PYRAZOLONE: FROM ORGANIC CONNECTORS TO HIGH TRIDIMENSIONAL STRUCTURES

P-050 Maram Almalki
MXENE DERIVED METAL–ORGANIC FRAMEWORKS

P-051 Alla Dikhtiarenko
NANOSHEETS OF NON-LAYERED ALUMINIUM METAL-ORGANIC FRAMEWORKS THROUGH A SURFACTANT-ASSISTED METHOD

P-052 Vladimír Zeleňák
NEW HYDROPHOBIC METAL-ORGANIC FRAMEWORKS CONTAINING FLUORINATED LIGANDS

P-053 Roberto Sánchez Naya
OZONE-MEDIATED SELECTIVE BOND CLEAVAGE IN COVALENT ORGANIC FRAMEWORKS

P-054 Keat Beamsley
PARALLEL POLYMERIZATION OF SELF-SORTED MONOMERS IN BICHANNEL METAL-ORGANIC FRAMEWORKS

P-055 Simon Spiegel
POLYMOFS – INSIGHT INTO SYNTHESIS AND APPLICATION

P-056 Norbert Stock
POROUS SALTS CONTAINING CATIONIC AL_{24}-HYDROXIDE-ACETATE CLUSTERS FROM SCALABLE, GREEN AND AQUEOUS SYNTHESIS ROUTES

P-057 Michael Dworzak
POST-SYNTHETIC MODIFICATION OF CALIXARENE-BASED POROUS COORDINATION CAGES

P-058 Mohammad Abbas
SILICON-BASED LINKERS IN THE CONSTRUCTION OF METAL-ORGANIC FRAMEWORKS

P-059 Pedro Donnarumma
PROBING TRENDS IN THE STABILITY OF RE-UIO-66 ANALOGUES THROUGH ANALYSIS BY SINGLE CRYSTAL X-RAY DIFFRACTION

P-060 Anna Sinelshchikova
QUANTIFICATION OF MOF EXTERNAL SUFRACE SITES BY PERYLENE DYES

P-061 Phitchayapha Phattharaphuti
RANDOM ASSEMBLY OF THE PADDLEWHEEL UNITS INTO A HETEROMETAL-ORGANIC POLYHEDRON TOWARDS GENERATING CHEMICAL DIVERSITY

P-062 Yunmei Huang
RAPID COATING OF CONDENSATION POLYMERS ON METAL-ORGANIC FRAMEWORK SURFACES

P-063 Victor F. Quezada-Novoa
RARE-EARTH METAL–ORGANIC FRAMEWORKS WITH A PYRENE-BASED LINKER FOR THE PHOTO-OXIDATION OF A SULFUR MUSTARD SIMULANT

P-064 Roman Guntermann
REGIOISOMERIZATION AS A TOOL FOR TAILORING OPTICAL PROPERTIES IN FRAMEWORK MATERIALS – THE CASE STUDY OF THIENOTHIOPHENE-BASED COVALENT ORGANIC FRAMEWORKS

P-065 Manuel Ceballos
ROOM-TEMPERATURE SYNTHESIS OF CORE-SHELL AU@ZR-MOF NANOCOMPOSITES: CORE RESHAPING AND YIELD OF REACTION

P-066 Javier Fonseca
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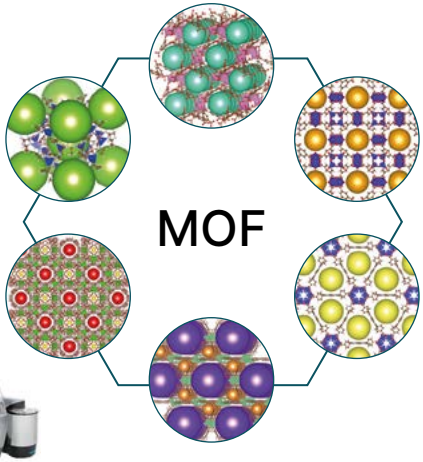

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OPENING HOURS:

Sunday September 24th, 2023: From 9:00 AM to 8:15 PM
Monday September 25th, 2023: From 8:00 AM to 7:15 PM
Tuesday September 26th, 2023: From 8:00 AM to 7:00 PM
Wednesday September 27th, 2023: From 8:00 AM to 12:30 PM

CONGRESS WEB

www.euromof2023.com
Available on the Congress website the scientific programme in PDF format (programme section) and the ABSTRACT BOOK ONLINE (Abstracts section).

LANGUAGE

The official language of the congress is English. Sessions and posters will be presented in English.

CONGRESS BADGE

All participants will receive a name badge upon registration. Admission to the conference venue is possible only with a valid badge. In addition, badges must be worn throughout the congress and at the social activities. Exhibitor badges will be ensured for the staff of the exhibition stands. Entrance to meeting rooms and exhibition area will not be allowed to any person without badge.

WIFI

Free Wi-Fi internet access is available throughout the whole congress centre.
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CERTIFICATES

ATTENDANCE
Attendance certificates will be sent in electronic format by email once the Conference is finished and the satisfaction survey is filled in.

ORAL AND POSTER COMMUNICATIONS
Certificates of presentation will be sent after the Conference, by e-mail, to the corresponding contact author.

COFFEE POINTS
Coffee breaks will take place on Exhibition Hall (Floor 1).

Schedule:
Monday September 25th, 2023: From 09:45 to 10:45 AM, and from 16:15 to 17:05 PM
Tuesday September 26th, 2023: From 09:45 to 10:45 AM, and from 16:15 to 17:05 PM
Wednesday September 27th, 2023: From 10:40 to 11:10 AM

LUNCH BREAK
Lunchtime is free choice, from 13:05 PM to 14:30 PM. On the website you will find a list of restaurants near the Venue.

CLOAKROOM
A cloakroom is available on the first floor during the secretariat opening hours and can be used free of charge. Please note that the cloakroom is unguarded an on your own risk. The organisers do not take any responsibilities for lost items.

SPEAKERS ROOM
The speaker's room will be located on the 1st floor. In will be open during all meeting hours.

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SOCIAL PROGRAMME

CONFERENCE MIXER

TOP TERRACE of Conference Venue
Palacio de Exposiciones y Congresos de Granada
Paseo del Violón, 19,
18006, Granada

Date: Sunday, September 24

Time: 20:30 – 23:00

Included in the registration fee

The conference mixer will take place immediately after de Plenary Session 2 at the Top Terrace, Palacio de Exposiciones y Congresos de Granada

CONFERENCE BANQUET

CARMEN DE LOS MARTIRES
Calle de Antequeruela Alta,
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Date: Tuesday, September 26

Time: 20:05 – 23:00

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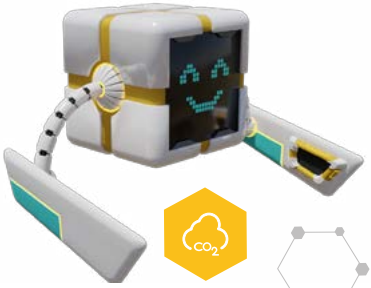

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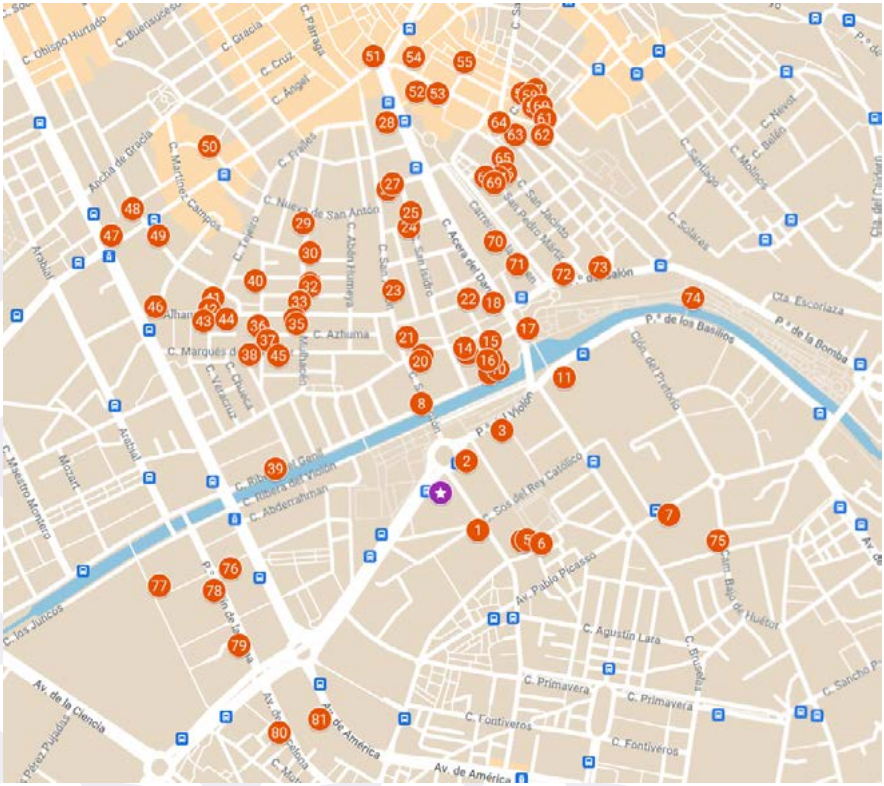

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7	Restaurante Raíces
8	Cafeteria Flamboyant
9	SIERRA NEVADA GOURMET
10	DIVINO
11	Casa Colón
12	La Cuchara de Carmela
13	Bar Rincón de Cristóbal
14	Cervecería Rhin Barril II
15	Garden Plaza
16	Coco Fusión
17	Casa Zarco
18	Milonga
19	D`Platos Centro
20	Telepizza
21	Buen Gusto
22	Casa Isla San Antón
23	Restaurante Oleum Granada
24	Lapaulina Taqueria
25	Bar Aliatar
26	Casa Mol. Centro
27	Pupu Poke
28	Ávila tapas II
29	San Remo
30	Bar productos del sur

31	TGB - The Good Burger
32	Bar Guejarreños
33	Café Bar la Placeta de Paso
34	Bar la Capellania
35	El Rincón de QRRO Bar
36	Taberna Belmonte
37	Pensadores Mesa & Parranda
38	Made in Italy
39	Taberna la Antigualla
40	Taberna Britania
41	Casa Rafa
42	La Esquinita de Triana
43	Bardana Taberna
44	Restaurante Meson Rafa
45	Taberna el Sacacorchos
46	Sancho Casual Burger (centro - Tejeiro)
47	Cafeteria Bar Mayerling
48	Apol
49	La Buena Muerte Burger
50	El Tinglao
51	MOAI
52	Restaurante la Tagliatella C/Recogidas
53	El Delirio
54	La Cueba de 1900/ Pedro Antonio
55	Restaurante Masae
56	Burger King
57	Cafeteria Restaurante la Castellana
58	Restaurante Tinta fina

59	Restaurante Alameda Granada
60	La Bodeguita Cofrade
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69	La Esquinita de Javi
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71	Restaurante Albahaca
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COMMERCIAL EXHIBITION

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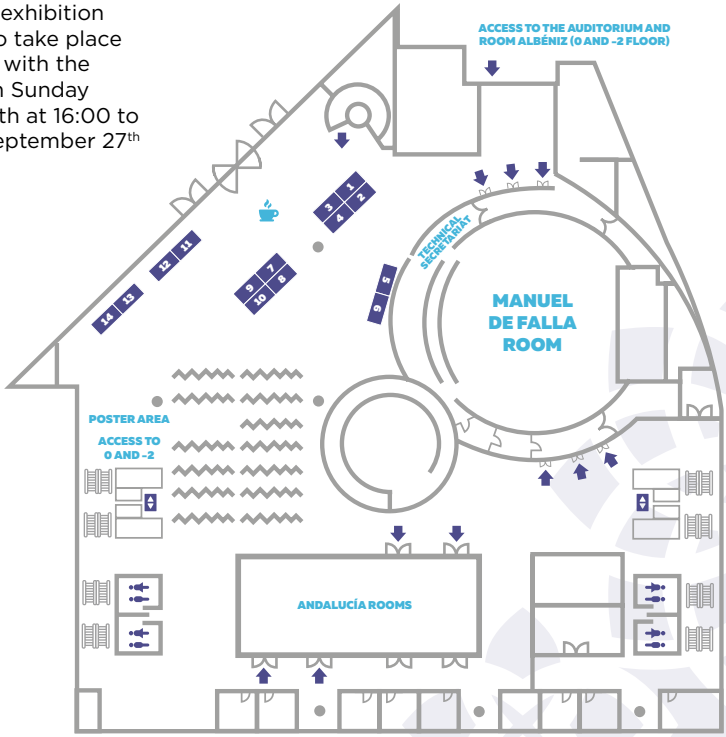

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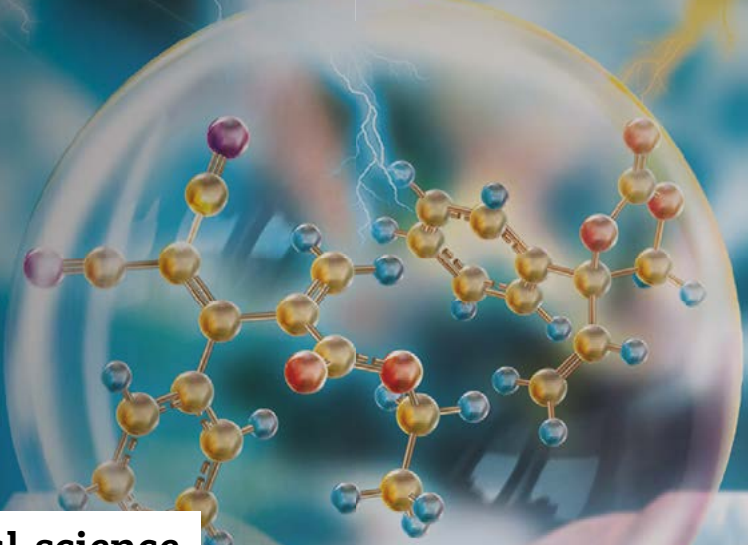

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