

LIST OF POSTERS

ORGANIZATION OF POSTER SESSIONS:

(1) All posters (as PDF files) should be available for the registered participants from **September 6, 2021 to September 26, 2021** on the conference platform.

(2) To each poster an **individual chatroom** will be assigned (the room capacity is 9 viewers – with video online meetings capability), additionally **one-on-one chats** (for online and offline contact) will be possible as well as an **info – message board** (for important authors announcements).

(3) All posters (including those which were selected as oral presentations for Young Investigator Symposium) are divided in **two groups A and B**.

Group A: Sections **S1, S2, S3, S4, S8**

Group B: Sections **S5, S6, S7, S9**

(4) Authors of posters **should be present** in the individual chatroom on:

Group A: **September 13, 2021** at 10.35-11.05, 13.00-14.00 and 16.05-16.35 CET

Group B: **September 14, 2021** at 10.25-10.55, 13.00-14.00 and 16.05-16.35 CET

(5) Apart from the intervals listed above, the presenters are encouraged to **organize extra meetings** by placing clear announcement on their availability using their **individual poster info – message board** (in particular all breaks between talks and evenings after oral sessions can be used as extra time for this purpose).

Please, add in your poster title page the code of your poster,

SXPXX

(SX stands for the section number, PXX is your poster number).

S1: Synthesis (new materials and architectures)

No.	REGISTRATION abstract number	PROGRAMME abstract CODE	
1	0027	S1P01	Haimerl Johanna DESIGN OF NEW LINKER MOTIFS FOR PHOTOCATALYTIC CO ₂ REDUCTION IN METAL-ORGANIC FRAMEWORKS
2	0040	S1P02	Marquardt Nele, Treger Marvin, Schaate Andreas INVESTIGATIONS OF THE CYCLOPALLADATION OF METAL-ORGANIC FRAMEWORKS CONTAINING AZOBENZENE LINKERS
3	0053	S1P03	Maliuta Mariia, Bönisch Nadine, Senkovska Irena, Bon Volodymyr, Petkov Petko, Plätzer Christel, Müller Philipp, Kaskel Stefan IMPACT OF THE LINKER ELONGATION ON THE FLEXIBLE ADSORPTION BEHAVIOR IN PILLARED LAYER MOFS
4	0094	S1P04	Kollmannsberger Kathrin ATOM-PRECISE NANOCLUSTERS ENCAPSULATED IN METAL-ORGANIC FRAMEWORKS FOR ELECTROCHEMICAL APPLICATIONS
5	0138	S1P05	Papatriantafyllopoulou Constantina, Ahmed Ahmed, Winterlich Meghan, Mylonas-Margaritis Ioannis, McHugh Darragh, Efthymiou Constantinos NEW METAL-ORGANIC FRAMEWORKS AS DRUG CARRIERS AND ADSORBENTS FOR TOXIC SPECIES
6	0140	S1P06	Aust Margit, Warnan Julien, Pöthig Alexander, Fischer Roland INTRODUCING BENZENE-1,3,5-TRI(DITHIOCARBOXYLATE) AS MULTIDENTATE LINKER IN COORDINATION CHEMISTRY
7	0143	S1P07	Wenzel Susanna, Cammiade Aimée, Ruschewitz Uwe NEW TRIMESATE-BASED FLUOROUS MOFS
8	0144	S1P08	Christoffels Ronja, Breitenbach Carina, Weber Jean Patrick, Körtgen Lisa, Tobeck Christian, Wilhelm Michael, Mathur Sanjay, Neudörfel Jörg, Strub Erik, Ruschewitz Uwe URANIUM-BASED CPS AND MOFS WITH ANIONIC FRAMEWORKS AND FLUORINATED LINKERS
9	0165	S1P09	Edward Ailsa DYNAMIC COVALENT EXCHANGE ON METAL-ORGANIC FRAMEWORK NANOPARTICLES
10	0180	S1P10	Alsadun Norah, Mouchaham Georges, Guillermin Vincent, Czaban-Jozwaik Justyna, Shkurenko Aleksander, Jiang Hao, Bhatt Prashant, Parvatkar Prakash, Eddaoudi Mohamed INTRODUCING A CANTELLATION STRATEGY FOR THE DESIGN OF MESOPOROUS ZEOLITE-LIKE MOFS: ZR-SOD-ZMOFS AS CASE STUDY
11	0194	S1P11	Chmielewski Michał, Chołuj Artur, Ziemkiewicz Kamil, Wiszniewski Marcin SYNTHESIS OF MOFS WITH LONG π -CONJUGATION PATHWAYS BY POST-SYNTHETIC BRIDGING OF ORGANIC LINKERS
12	0195	S1P12	Szufla Monika, Matoga Dariusz INCORPORATING PENDANT SULFONIC ACID GROUPS INTO METAL-ORGANIC FRAMEWORKS USING SULFONYL CHLORIDE PRECURSORS
13	0198	S1P13	Jędrzejowski Damian, Matoga Dariusz, Bury Wojciech, Pander Marzena, Nitek Wojciech FUNCTIONALITY AND FLEXIBILITY CONTROL IN METAL-ORGANIC FRAMEWORKS BY TETRAZINE CLICK REACTION AS COVALENT PSM

- 14 0201 **S1P14** Liberka Michal, Zakrzewski Jakub J., Heczko Michal, Reczynski Mateusz, Okhoshi Shin-icho, Chorazy Szymon
TUNABLE PHOTOLUMINESCENCE IN HOFMANN-TYPE SR-RE METAL-ORGANIC FRAMEWORKS
- 15 0204 **S1P15** Schrand Christina, Mohmeyer Alexander, Schulz Marcel, Schäfer Malte, Schaate Andreas, Behrens Peter
REVERSIBLE [N+N] PHOTOCHEMICAL CYCLOADDITION REACTIONS IN METAL-ORGANIC FRAMEWORKS
- 16 0264 **S1P16** Vlasyuk Dmytro
LANTHANIDE(III) METAL-ORGANIC FRAMEWORKS ASSEMBLED FROM 1H-PYRAZOLE-3,5-DICARBOXYLATE LIGAND
- 17 0285 **S1P17** Drwęska Joanna, Kosimov Akmal, Subanbekova Aizhamal, Smith Vincent J., Janiak Agnieszka
NOVEL NI(II)- AND CO(III)-METAL-ORGANIC FRAMEWORKS BASED ON A BENZIMIDAZOLE DERIVATIVE
- 18 0070 **S1P18** Roess-Ohlenroth Richard, Volkmer Dirk
MFU-4-TYPE METAL-ORGANIC FRAMEWORKS WITH A BIDENTATE BIBENZIMIDAZOLE BACKBONE FOR POSTSYNTHETIC METALATION
- 19 0082 **S1P19** Angeli Giasemi, Tsangarakis Constantinos, Trikalitis Pantelis
RETICULAR SYNTHESIS OF HIGH SURFACE AREA MESOPOROUS RARE-EARTH BASED MOFS
- 20 0083 **S1P20** Loukopoulos Edward, Angeli Giasemi, Kouvidis Constantinos, Tsangarakis Constantinos, Trikalitis Pantelis
CONTINUOUS BREATHING RARE-EARTH METAL-ORGANIC FRAMEWORKS WITH GAS-TRAPPING PROPERTIES
- 21 0151 **S1P21** Shaikh Mohammad Mobin, Rajak Richa, Saraf Mohit
APPLICABILITY OF NANOSTRUCTURED CUO DERIVED FROM CU-BASED METAL-ORGANIC FRAMEWORK AS A SUPERCAPACITOR ELECTRODE
- 22 0002 **S1P22** Meekel Emily
CORRELATED DISORDER IN METAL-ORGANIC FRAMEWORKS
- 23 0073 **S1P23** Glante Stephan, Bette Sebastian, Gallo Gianpiero, Dinnebier Robert E., Hartmann Martin
ZIF-YQT - A PHASE WITH ZINC ATOMS BRIDGED BY CHLORIDE AND INTERESTING DEHYDRATION/REHYDRATION BEHAVIOR
- 24 0160 **S1P24** Magott Michal, Pinkowicz Dawid
CYANIDE-BRIDGED COORDINATION POLYMERS SHAKE HANDS WITH METAL-ORGANIC FRAMEWORKS
- 25 0166 **S1P25** Lerma Berlanga Belen, Ruiz Ganivet Carol, Almora-Barrios Neyvis, Tatay Sergio, Peng Yong, Alberio Josep, González-Platas Javier, García Hermenegildo, M. Padial Natalia, Martí-Gastaldo Carlos
MULTIVARIATE MESOPOROUS ZR-MOFS: EFFECT OF LINKER DISTRIBUTION IN THE PHOTOCATALYTIC ACTIVITY
- 26 0029 **S1P26** Tajnšek Tia Kristian, Mazaj Matjaž, Svensson Grape Erik, Willhammar Tom, Zabukovec Logar Nataša
ZN-BASED ASCORBATE BIOMOF WITH UNIQUE FRAMEWORK PROVIDING PERMANENT POROSITY
- 27 0037 **S1P27** Ortín Rubio Borja
NET CLIPPING: AN APPROACH TO DEDUCE THE TOPOLOGY OF METAL-ORGANIC FRAMEWORKS WITH ZIGZAG LIGANDS
- 28 0104 **S1P28** Froudas Konstantinos, Angeli Giasemi, Tsangarakis Constantinos, Trikalitis Pantelis
UNVEILING A HIGHLY STABLE PILLARED LAYERED PLATFORM WITH TUNABLE METRICS AND FUNCTIONALITIES.
- 29 0122 **S1P29** Ekaterina Gunina
LASER ABLATION OF MOFS: THE ROLE OF THE STRUCTURE ON ACTIVE OPTICAL PROPERTIES OF MOF DERIVATIVES

- 30 0154 **S1P30** Denis Morgane, Gaubicher Joël, Grenèche Jean-Marc, Renault Stéven, Poizot Philippe, Devic Thomas
SOLID STATE THERMAL AND REDOX BEHAVIORS OF COORDINATION COMPLEXES BASED ON CROCONATE VIOLET
- 31 0178 **S1P31** Rainer Daniel N., Desai Aamod V., Armstrong A. Robert, Morris Russell E.
MECHANOSYNTHESIS OF SODIUM CARBOXYLATE COORDINATION POLYMERS FOR SODIUM-ION BATTERIES
- 32 0185 **S1P32** SHEN Yuwei, Woodburn Johanna, Dai Shan, Tissot Antoine, Serre Christian
METAL-ORGANIC FRAMEWORKS - SPIN CROSSOVER COMPLEXES HYBRID ARCHITECTURES FOR SENSING APPLICATIONS
- 33 0187 **S1P33** Abánades Lázaro Isabel, Almora-Barrios Neyvis, Tatay Sergio, Marti-Gataldo Carlos
EFFECT OF MODULATOR CONNECTIVITY ON PROMOTING DEFECTIVITY IN TITANIUM-ORGANIC FRAMEWORKS.
- 34 0244 **S1P34** Mylonas-Margaritis Ioannis
NOVEL METAL-ORGANIC FRAMEWORKS BY THE SIMULTANEOUS USE OF CARBOXYLATES AND PYRIDYL OXIMES/PYRIDINE ALCOHOLS
- 35 0255 **S1P35** Mubarik Nudrat, Davies Robert, White Andrew, Horton Peter
SYNTHESIS OF AMIDE-EXTENDED ORGANOSILICON POLYCARBOXYLIC ACID LINKERS FOR METAL-ORGANIC FRAMEWORKS
- 36 0258 **S1P36** Khan Muhammad Waqas, Babarao Ravichandar, Ou Jianzhen, Mahmood Nasir, Mulet Xavier
PLASMONIC METAL ORGANIC FRAMEWORK NANOCOMPOSITES FOR ENVIRONMENTAL REMEDIATION AND MONITORING

S2: Synthetic methods (optimization, deposition and patterning, scale-up, shaping, growth mechanisms)

No.	REGISTRATION abstract number	PROGRAMME abstract CODE	
1	0019	S2P01	Ermer Matthias, Fischer Marcus, Mehler Julian, Schulz Peter S., Hartmann Martin SYNTHESIS OF POROUS COORDINATION POLYMERS FROM STRUCTURED AND FUNCTIONALIZED IONIC LIQUID MEDIA
2	0045	S2P02	Mazaj Matjaz CATION-EXCHANGEABLE METAL-ORGANIC FRAMEWORK FOR TUNING CO ₂ CAPTURE AND CONVERSION PERFORMANCES
3	0090	S2P03	Pilz Lena, Natzeck Carsten, Wohlgemuth Jonas, Weidler Peter, Heißler Stefan, Wöll Christof, Tsotsalas Manuel CHEMICAL INTUITION FOR THE NANO-SPACE: SYCOFINDER APPLIED TO SURMOF AND NANOMOF SYNTHESIS
4	0097	S2P04	Gilemkanova Venera, Milichko Valentin LIGHT-GUIDED SYNTHESIS OF METAL-ORGANIC FRAMEWORKS WITH SUPRAMOLECULAR ISOMERISM
5	0109	S2P05	Dummert Sarah, Semrau Lisa, Kieslich Gregor SUBSTRATE-SUPPORTED, FERROELECTRIC METAL-FREE PEROVSKITE [HMDABCO](NH ₄) ₃ THIN FILMS
6	0111	S2P06	Joshi Madhura SYNTHESIS OF LUMINESCENT NANO PARTICULATE METAL ORGANIC FRAMEWORKS
7	0129	S2P07	Alekseevskii Pavel, Rzhnevskiy Sergey, Yankin Andrei, Gilemkanova Venera, Milichko Valentin ATOMIC FORCE MICROSCOPE LITHOGRAPHY OF MOFS
8	0149	S2P08	Starosta Wojciech, Ren Jianwei, Walczak Rafał, Kalbarczyk Paweł, Sartowska Bożena SYNTHESIS OF ZIRCONIUM UIO-66 MOFS FROM WASTE PET FLAKES AND THEIR APPLICATION FOR RADIONUCLIDES SORPTION FROM
9	0170	S2P09	Brandner Lea A., Linares-Moreau Mercedes, Klokic Sumea, Carraro Francesco, Okada Kenji, Takahashi Masahide, Doonan Christian J., Falcaro Paolo SEMI-AUTOMATED DEPOSITION OF ORIENTED CERAMIC FILMS FOR THE HETEROEPITAXIAL GROWTH OF MULTIFUNCTIONAL MOFS
10	0174	S2P10	Ha Junsu, Kim Jaehui, Lee Jae Hwa, Moon Hoi Ri COMPILATION OF KINETIC AND THERMODYNAMIC STRUCTURES IN ZN-BASED METAL-ORGANIC FRAMEWORKS
11	0189	S2P11	Abylgazina Leila, Senkovska Irena, Engemann Richard, Kavosi Negar, Kaskel Stefan IMPACT OF CRYSTAL SIZE AND MORPHOLOGY ON SWITCHABILITY CHARACTERISTICS IN PILLARED-LAYER METAL-ORGANIC FRAMEWO
12	0220	S2P12	Finelli Alba, Hendricks Nicholas, Andreatta Gaëlle TOWARDS METAL-ORGANIC FRAMEWORK BASED FIELD EFFECT CHEMICAL SENSORS FOR PESTICIDES DETECTION
13	0225	S2P13	Lueder Lars, Gubicza Agnes, Stiefel Michael, Overbeck Jan, Beretta Davide, Sadeghpour Amin, Neels Antonia, Nirmalraj Peter, Rossi Rene M., Toncelli Claudio, Calame Michel SYNTHESIS AND MULTIPARAMETRIC ANALYSIS OF CONDUCTIVE CU-HHTP-TCNQ HYBRID COORDINATION POLYMERS

- 14 0146 **S2P14** Luo Yi, Bag Siantan, Friederich Pascal, Tsotsalas Manuel
TOWARDS INVERSE SYNTHETIC DESIGN OF MOFS VIA MACHINE LEARNING AND AUTOMATED DATA EXTRACTION FROM LITERATURE
- 15 0190 **S2P15** Niidu Allan
HYDROTHERMAL SYNTHESIS OF UIO-66-F4 AND MOF-808
- 16 0231 **S2P16** Scheurle Patricia I., Mähringer Andre, Biewald Alexander, Hartschuh Achim, Medina Dana D., Bein Thomas
MOF-74 FILMS OBTAINED THROUGH VAPOR-ASSISTED CONVERSION - IMPACT ON CRYSTAL ORIENTATION AND OPTICAL PROPERTIES
- 17 0252 **S2P17** Garcia-Garfido Juan Manuel, Enríquez Javier, Chi-Duran Ignacio, Jara Iván, Vivas Leonardo, Hernández Federico J., Herrera Felipe, Pratap Singh Dinesh
SIZE- AND SHAPE-CONTROLLED SYNTHESIS OF ZN(3-PTZ)₂ MOF SINGLE CRYSTALS
- 18 0075 **S2P18** Liu Yang, Avci Civan, Pariente Jose Angel, Blanco Alvaro, Lopez Cefe, Imaz Inhar, Maspoch Daniel
TEMPLATE-FREE, SURFACTANT-MEDIATED ORIENTATION OF SELF-ASSEMBLED SUPERCRYSTALS OF METAL-ORGANIC FRAMEWORK PART
- 19 0058 **S2P19** Škrjanc Aljaž, Byrne Ciara, Zabukovec Logar Nataša
GREEN SOLVENTS AS AN ALTERNATIVE TO DMF IN ZIF-90 SYNTHESIS
- 20 0061 **S2P20** Sherman Dylan, Tan Jin-Chong
LUMINESCENT ZIF-7 METAL-ORGANIC NANOSHEETS BY DIRECT SYNTHESIS AND GUEST@MOF DYE ENCAPSULATION
- 21 0113 **S2P21** Caamano Katia
GREEN SYNTHESIS OF MUV-2 MIXED-METAL DERIVATIVES
- 22 0175 **S2P22** Lee Hong Kyu, Lee Jae Hwa, Moon Hoi Ri
MECHANOCHEMISTRY AS A RECONSTRUCTION TOOL OF DECOMPOSED METAL ORGANIC FRAMEWORKS

S3: Theory and modelling

No.	REGISTRATION abstract number	PROGRAMME abstract CODE	
1	0177	S3P01	Jajko Gabriela, Kozyra Paweł, Makowski Wacław, Gutiérrez Sevillano Juan José, Calero Sofia PRE-ADSORBED POLAR SOLVENT AS A PROMOTER IN CARBON DIOXIDE CAPTURE PROCESS IN UIO-66
2	0183	S3P02	Giappa Rafaela Maria, Tylanakis Emmanuel, Di Gennaro Marco, Gkagkas Konstantinos, Froudakis George A COMBINATION OF MULTI-SCALE CALCULATIONS WITH MACHINE LEARNING FOR INVESTIGATING HYDROGEN STORAGE IN MOFS
3	0275	S3P03	Jajko Gabriela, Kozyra Paweł, Makowski Wacław, Gutiérrez Sevillano Juan José, Calero Sofia POLARITY RELATED ADSORPTION PROPERTIES OF HYDROPHOBIC-HYDROPHILIC UIO-66
4	0005	S3P04	Kozłowska Mariana, Haldar Ritesh, Heidrich Shahriar, Elstner Marcus, Wöll Christof, Wenzel Wolfgang ELECTROLUMINESCENT AND CONDUCTION PROPERTIES OF THE SURMOF-2 MODULATED BY THE LINKER STRUCTURAL DYNAMICS
5	0096	S3P05	Treger Marvin, Behrens Peter, Schneider Andreas M. EXAMINATION OF METAL-ORGANIC FRAMEWORKS FOR OPTICAL APPLICATIONS
6	0133	S3P06	Lamaire Aran, Wieme Jelle, Rogge Sven, Van Speybroeck Veronique RATIONALIZING THE STRUCTURAL ORGANISATION OF NANOCONFINED WATER BY TUNING THE PORE ARCHITECTURE OF MOFS
7	0150	S3P07	Tiana Davide COMPUTATIONALLY DRIVEN CREATION OF METAL-ORGANIC FRAMEWORKS FOR PHOTOCATALYTIC APPLICATIONS.
8	0256	S3P08	Herrera Felipe, Fritz Ruben, Paiva Simon, Colón Yamil ENGINEERING ENTANGLED PHOTON PAIRS WITH METAL-ORGANIC FRAMEWORKS
9	0278	S3P09	Zanca Federica, Chong Sanggyu, Monserrat Bartomeu, Fairen-Jimenez David, Moghadam Peyman Z. HIGH-THROUGHPUT COMPUTATIONAL DESIGN AND DISCOVERY OF ELECTRICALLY CONDUCTIVE MATERIALS IN THE CSD MOF SUBSET
10	0093	S3P10	Ozcan Aydin HOW MOF/POLYMER INTERFACIAL VOID SHAPE/SIZE AFFECT THE GAS PERMEABILITY OF MIXED MATRIX MEMBRANES
11	0257	S3P11	Borgmans Sander, Rogge Sven M. J., De Vos Juul S., Stevens Christian V., Van Der Voort Pascal, Van Speybroeck Veronique QUANTIFYING THE LIKELIHOOD OF STRUCTURAL MODELS THROUGH A DYNAMICALLY ENHANCED PXRD PROTOCOL
12	0003	S3P12	Alexandrov Eugeny TOPOLOGICAL METHODS FOR ANALYSIS OF POROUS MATERIALS: PORES, BREATHING, CONDUCTIVITY, TRANSFORMATIONS
13	0068	S3P13	Kamencek Tomas, Zojer Egbert UNDERSTANDING THE ANISOTROPIC ELASTIC PROPERTIES OF MOFS AT AN ATOMISTIC LEVEL: THE EXAMPLE OF MOF-74
14	0089	S3P14	Wieser Sandro, Kamencek Tomas, Schmid Rochus, Dürholt Johannes P., Bedoya-Martínez Natalia, Zojer Egbert ANALYZING THE BOTTLENECKS FOR HEAT TRANSPORT IN METAL-ORGANIC FRAMEWORKS

- 15 0124 **S3P15** Hoffman Alexander, Wieme Jelle, Senkovska Irena, Krylov Alexander, Rogge Sven, Kaskel Stefan, Van Speybroeck Veronique
TUNING TERAHERTZ VIBRATIONS TO CONTROL FLEXIBILITY IN SOFT POROUS CRYSTALS
- 16 0197 **S3P16** Kurzydym Izabela, Czekaj Izabela
THEORETICAL MODELING OF CO-ADSORPTION OF NO AND NH3 OVER ZN-MOF-74 CATALYST
- 17 0205 **S3P17** Ernst Michelle, Gryn'ova Ganna
AN ASSESSMENT OF QUANTUM CHEMICAL TOOLS FOR THE ANALYSIS OF HOST-GUEST INTERACTIONS IN MOFS
- 18 0218 **S3P18** Kozdra Sylwia, Wójcik Adrianna, Jacquet Margot, Kargul Joanna, Hęclik Karol, Michałowski Paweł Piotr
METAL ORGANIC STRUCTURES OF TERPYRIDINE COMPLEXES, DFT AND SIMS CHARACTERIZATION
- 19 0276 **S3P19** Glasby Lawson, Cole Jason, Moghadam Peyman
TOPOLOGICAL CHARACTERISATION OF MOFS IN THE CAMBRIDGE STRUCTURAL DATABASE (CSD)

S4: Advanced characterization techniques, in situ

No.	REGISTRATION abstract number	PROGRAMME abstract CODE	
1	0044	S4P01	Felsner Bodo, Schwotzer Friedrich, Grünker Ronny, Senkovska Irena, Bon Volodymyr, Kaskel Stefan DUT-13 AND DUT-190 – MESOPOROUS SWITCHABLE MOFS WITH ADSORPTION INDUCED TRANSITIONS
2	0158	S4P02	Jones Andrew, Pühr Barbara, Keilbach Andreas, Ehmann Heike, Santner Heiner, Müller Timo, Schrode Benedikt IN-SITU X-RAY CHARACTERIZATION OF POROUS MATERIALS: CHALLENGES AND OPPORTUNITIES
3	0164	S4P03	Rustam Lina IN SITU CHARACTERIZATION OF ALUMINIUM-FUMARATE UNDER HUMID, DRY AND CO2 ENRICHED ATMOSPHERE
4	0210	S4P04	Bůžek Daniel, Adamec Slavomír, Lang Kamil, Demel Jan STABILITY OF METAL-ORGANIC FRAMEWORK UIO-66 IN BUFFERS
5	0268	S4P05	Torres Julia, Igoa Fernando, Soca Rosas Karolina, Kremer Carlos, Knochen Moisés, Castiglioni Jorge, Suescun Leopoldo EUIII-ZNII MOF: LOW-COST IN SITU WATER SENSING
6	0066	S4P06	Krylov Alexander, Senkovska Irena, Kaskel Stefan, Slysareva Evgenia, Krylova Svetlana, Yushina Irina, Vtyurin Alexander RAMAN SPECTROSCOPY STUDY OF THE SWITCHABLE PHASES OF METAL-ORGANIC FRAMEWORKS DUT-8
7	0239	S4P07	Canossa Stefano, Frison Ruggero, Pei Xiaokun, Rega Davide, Bürgi Hans-Beat, Hadermann Joke, Yaghi Omar M., van der Veen Monique A. MULTIVARIATE POROSITY OF ZIF-90 REVEALED BY SINGLE-CRYSTAL TOTAL SCATTERING
8	0241	S4P08	Fuchs Adrian CORRELATING THE MORPHOLOGY WITH MATERIAL PROPERTIES OF MOF CRYSTALS VIA IN SITU SPECTROSCOPIC IMAGING
9	0233	S4P09	Baumgartner Bettina, Ikigaki Ken, Okada Kenji, Takahashi Masahide FRAMEWORK AND LINKER ORIENTATION IN METAL-ORGANIC FRAMEWORKS FILMS VIA INFRARED CRYSTALLOGRAPHY
10	0043	S4P10	Khudozhnikov Alexander, Arzumanov Sergei, Kolokolov Daniil, Stepanov Alexander COMBINED EXPERIMENTAL AND COMPUTATIONAL STUDY OF BUTANE ISOMERS DYNAMICS IN UIO-66 (ZR)
11	0249	S4P11	Marreiros Joao, de Oliveira-Silva Rodrigo, Iacomi Paul, Llewellyn Philip, Ameloot Rob, Sakellariou Dimitrios RELAXORPTION: SIMULTANEOUS NMR RELAXOMETRY AND PHYSISORPTION FOR IN SITU ADSORPTION CHARACTERIZATION OF MOFS

S5: Adsorption, separation, gas storage

No.	REGISTRATION abstract number	PROGRAMME abstract CODE	
1	0021	S5P01	Turnes Palomino Gemma, del Rio Mateu, Grimalt Juan Carlos, Palomino Cabello Carlos MOF-74 DERIVED MAGNETIC CARBON NANORODS FOR THE EXTRACTION OF CONTAMINANTS FROM WATER
2	0024	S5P02	Abylgazina Leila, Senkovska Irena, Ehrling Sebastian, Bon Volodymyr, Kaskel Stefan THE IMPACT OF CRYSTAL SIZE AND MORPHOLOGY ON SWITCHABILITY OF PILLARED LAYER METAL-ORGANIC FRAMEWORK DUT-8(ZN)
3	0035	S5P03	Mendiola Alvarez Sandra Yadira, Turnes Palomino Gemma, Guzmán Mar Jorge Luis, Hernández Ramírez Aracely, Hinojosa Reyes Laura, Palomino Cabello Carlos SULFONAMIDES EXTRACTION WITH CARBONS DERIVED FROM METAL ORGANIC FRAMEWORKS.
4	0047	S5P04	Vrtovec Nika, Jurjevec Sarah, Mazaj Matjaž, Kovačič Sebastijan, Žagar Ema, Zabukovec Logar Nataša RECRYSTALLIZATION OF METAL OXIDES TO MOF-74 WITHIN POLYHIPE MONOLITHS FOR CO2 CAPTURE
5	0059	S5P05	Gulcay Ezgi, Iacomi Paul, Devautour-Vinot Sabine, Rioland Guillaume, Maurin Guillaume FROM HIGH-THROUGHPUT COMPUTATIONAL SCREENING TO EXPERIMENTAL VALIDATION FOR SILOXANE ADSORPTION IN MOFS
6	0062	S5P06	Hannebauer Adrian, Hindricks Karen D.J., Schaate Andreas, Behrens Peter ADJUSTING THE HYDROPHILICITY OF WATER-STABLE UIO-66 DERIVATIVES WITH VARIOUS FUNCTIONAL GROUPS
7	0098	S5P07	Figuerola Andreu, Rodriguez Felipe, Palomino Carlos, Turnes Gemma PVDF-DERIVED CARBON SUPPORTED ONTO A 3D PRINTED CERAMIC DEVICE FOR POLLUTANT EXTRACTION IN WATER
8	0126	S5P08	Bönisch Nadine, Ehrling Sebastian, Senkovska Irena, Kaskel Stefan SINGLE AND MULTICOMPONENT LIQUID PHASE ADSORPTION ON THE SWITCHABLE MOF DUT-8(NI) AND ITS ANALOGS
9	0148	S5P09	Roßmann Philip Kazys, Böhme Ulrike, Hartmann Martin SEPARATION OF N-BUTANE AND 1-BUTENE MIXTURES ON ZIF-8 AND SILICALITE-1
10	0196	S5P10	Gryta Patrycja, Jajko Gabriela, Szufła Monika, Kozyra Paweł, Matoga Dariusz, Makowski Wacław EVALUATION OF WATER ADSORPTION AND HYDROTHERMAL STABILITY OF UIO-66 AND ITS DERIVATIVES WITH THE USE OF QE-TPD
11	0248	S5P11	Mazur Bartosz, Formalik Filip, Kuchta Bogdan, Firlej Lucyna UNDERSTANDING ADSORPTION ISOTHERMS IN ORDERED CRYSTALLINE NANOPORES: SYMMETRY INDUCED DISCRETE UPTAKE
12	0263	S5P12	Łyszczek Renata, GLadysz-Płaska Agnieszka, Ostasz Agnieszka, Vlasyuk Dmytro SORPTION PROPERTIES OF LANTHANIDE METAL-ORGANIC FRAMEWORKS BASED ON THE 2,6-NAPHTHALENEDICARBOXYLATE LINKER
13	0281	S5P13	Tasiopoulos Anastasios, Panagiotou Nikos, Liatsou Ioanna, Pournara Anastasia, Angeli Giasemi, Giappa Rafaela Maria, Tylianakis Emmanuel, Manos Manolis, Froudakis George, Trikalitis Pantelis, Pashalidis Ioannis HIGHLY STABLE 2-D ZR MOFS WITH EXCEPTIONAL UO22+ SORPTION CAPABILITY

14	0038	S5P14 Krishnamurthy Shreenath, Blom Richard, Cavka Jasmina, De Weireld Guy, Heymans Nicolas, Maurin Guillaume, Wahidduzzaman Mohammad, Serre Christian, Mouchaham Georges, Nandi Shyamaapada MIL-91-TI ADSORBENT FOR POST-COMBUSTION CARBON CAPTURE
15	0101	S5P15 Fernandez Blanco Angel GAS ADSORPTION IN HOFMANN-CLATHRATE MOFS: A COMBINED NEUTRON SCATTERING AND DFT STUDY
16	0114	S5P16 Avci Gokay, Velioglu Sadiye, Keskin Seda IN-SILICO DESIGN OF METAL EXCHANGED MOFS WITH ENHANCED CO2 CAPTURE CAPACITIES
17	0116	S5P17 Altintas Cigdem, Keskin Seda EFFECT OF PARTIAL CHARGES ON SIMULATED CO2/CH4 SEPARATION PERFORMANCES OF MOF ADSORBENTS AND MOF MEMBRANES
18	0117	S5P18 Bose Rimita, Kaisare Niket, Selvam Parasuraman CRYSTAL SIZE EFFECT ON CO2-INDUCED STRUCTURAL TRANSITION OF FLEXIBLE ZIF-7 FRAMEWORK
19	0118	S5P19 Daglar Hilal, Gulbakan Hasan Can, Avci Gokay, Aksu Gokhan Onder, Altundal Omer Faruk, Altintas Cigdem, Erucar ilknur, Keskin Seda IMPORTANCE OF MOF DATABASE SELECTION ON THE ASSESSMENT OF GAS STORAGE AND SEPARATION PERFORMANCES OF MOFS
20	0132	S5P20 Schwarz Dana POROUS POLY(MELAMINE-CO-FORMALDEHYDE) BEADS AS ADSORBER FOR AQUEOUS MICRO POLLUTANTS
21	0207	S5P21 Pereira Ana, Ferreira Alexandre, Rodrigues Alirio, Ribeiro Ana Mafalda, Regufe Maria João SHAPING AND MEASUREMENT OF ADSORPTION PROPERTIES OF ZIF-8 AND MIL-53(AL) ADSORBENTS FOR NATURAL/BIOGAS UPGRADE
22	0253	S5P22 Daouli Ayoub, Paul Jean-Francois, Hasnaoui Abdellatif, Badawi Michael AB INITIO COMPREHENSIVE STUDY OF IODINE SPECIES ADSORPTION IN THE METAL-ORGANIC FRAMEWORKS M2(DOBDC)
23	0269	S5P23 PANDEY Jyoti Shanker CO2 STORAGE IN GAS HYDRATE PHASE USING MOF BASED HYBRID SYSTEM
24	0042	S5P24 Solovyeva Marina, Krivosheeva Irina, Gordeeva Larisa, Shkatulov Alexandr COMPOSITES SALT/MIL-101(CR) AS ADSORBENTS FOR WATER HARVESTING FROM THE ATMOSPHERE
25	0153	S5P25 Henninger Matthias, Rustam Lina, Ernst Sebastian-Johannes, Velte Andreas, Seiler Jan, Bardow André CHARACTERIZING KINETICS OF MOFS FOR ADSORPTION COOLING: IR-LTJ EXPERIMENTS OF AL-FUMARATE AND CAU-10(AL)-H
26	0017	S5P26 del Rio Mateo, Villar Marina, Quesada Santiago, Turnes Palomino Gemma, Ferrer Laura, Palomino Cabello Carlos APPLICATION OF A 3D PRINTING DEVICE COATED WITH SILVER-FUNCTIONALIZED MOF IN 131I EXTRACTION FROM WASTEWATERS
27	0051	S5P27 Bauza Marta, Turnes-Palomino Gemma, Palomino-Cabello Carlos MOF-DERIVED POROUS CARBON SPONGE FOR SELECTIVE OIL ABSORPTION AND OIL/WATER SEPARATION
28	0069	S5P28 JUSTIN ANITA A NEW POST-SYNTHETIC MODIFICATION STRATEGY: APPENDING POLYAMINES TO IRMOF-3 TO ENHANCE CO2 ADSORPTION.
29	0076	S5P29 Byrne Ciara, Ristić Alenka, Mazaj Matjaž, Zabukovec Logar Nataša ETHANOL ADSORPTION IN ZIFS - EVALUATION OF HEAT STORAGE POTENTIAL

- 30 0172 **S5P30** Kavun Vitalii, Gafiullina Anastasia, Botti Renata, Franchin Giorgia, Colombo Paolo, van der Veen Monique A., Repo Eveliina
GROWTH OF METAL-ORGANIC FRAMEWORKS ON THE SURFACE OF 3D PRINTED GEOPOLYMERS LATTICES
- 31 0227 **S5P31** Aguayo Isabel, Orcajo Gisela, Martos Carmen, Calleja Guillermo
PROMISING AND VERSATILE URJC-MATERIALS BASED ON CO/NI MIXED-METALS FOR HYDROGEN STORAGE
- 32 0279 **S5P32** Oktavian Rama, Schireman Raymond, Zanca Federica, Glasby Lawson T, Ruggiero Michael T, Moghadam Peyman Z
COMPUTATIONAL CHARACTERISATION AND SCREENING OF ZR-OXIDE METAL ORGANIC FRAMEWORKS FOR CO2 CAPTURE

S6: Catalysis

No.	REGISTRATION abstract number	PROGRAMME abstract CODE	
1	0041	S6P01	Ditz Daniel, Palkovits Regina STRUCTURE-ACTIVITY RELATIONSHIPS OF COVALENT TRIAZINE BASED FRAMEWORKS IN THE PHOTOCATALYTIC OXIDATION OF 5 HY
2	0095	S6P02	Hemmer Karina, Cokoja Mirza, Fischer Roland A. CONFINEMENT EFFECTS OF PORPHYRIN MOFS IN CATALYSIS
3	0134	S6P03	Pander Marzena, Janeta Mateusz, Bury Wojciech QUEST FOR AN EFFICIENT 2-IN-1 MOF-BASED CATALYST FOR CYCLOADDITION OF CO ₂ TO EPOXIDES UNDER MILD CONDITIONS
4	0162	S6P04	Elliott Caroline, Morris Russell STABLE MOFS FOR THE CATALYTIC DESTRUCTION OF CHEMICAL WARFARE AGENTS AND SIMULANTS
5	0243	S6P05	Gäumann Patrick, Ongari Daniele, Smit Berend, van Bokhoven Jeroen, Ranocchiari Marco ADSORPTION EFFECTS IN ZN-MOF-74-MODIFIED, COBALT-CATALYZED HYDROFORMYLATION
6	0267	S6P06	Pukdeejorhor Ladawan, Adpakpang Kanyaporn, Bureekaew Sareeya CO-BASED METAL-ORGANIC FRAMEWORK FOR PHOTOCATALYTIC HYDROGEN GENERATION
7	0001	S6P07	Iqbal Naseem, Hanif Saadia, Noor Tayyaba N-DOPED CARBON NANOTUBES BASED ZIF DERIVED CATHODE CATALYST FOR FUEL CELL APPLICATION
8	0078	S6P08	Łamacz Agata, Rózewicz Maciej CUNPS ENCAPSULATED IN UIO-66(ZR) AND UIO-66(CE/ZR) AS CATALYSTS FOR CO ₂ CONVERSION
9	0102	S6P09	Jagódka Paulina, Matus Krzysztof, Łamacz Agata CATALYTIC AND ADSORPTIVE PROPERTIES OF HKUST-1/GO COMPOSITES
10	0176	S6P10	Timofeeva Maria, Panchenko Valentina, Lukoyanov Ivan, Gerasimov Evgenyi, Jhung Sung Hwa FINE-TUNING THE CATALYTIC PROPERTIES OF ZEOLITIC IMIDAZOLATE FRAMEWORKS BY VARIATION OF ITS PARTICLE SIZE
11	0010	S6P11	Stanley Philip, Warnan Julien, Rieger Bernhard, Fischer Roland ENTRAPPED MOLECULAR ARTIFICIAL PHOTOSYSTEMS IN METAL-ORGANIC FRAMEWORK NANOREACTORS FOR SOLAR CO ₂ REDUCTION
12	0240	S6P12	Lu Zhiyong, Liu Jian, Zhang Xuan, Liao Yijun, Zhang Kun, Farha Omar, Hupp Joseph NODE-ACCESSIBLE ZIRCONIUM MOFS FOR HETEROGENEOUS CATALYSIS: THE REMOVAL OF NON-STRUCTURAL FORMATE LIGANDS
13	0081	S6P13	Miguel-Casañ Eugenia HETEROMETALLIC PALLADIUM-IRON MOF AS A HIGHLY ACTIVE CATALYST FOR CROSS-COUPLED REACTION
14	0092	S6P14	Valverde González Antonio, Maya Eva M., Sanchez Felix, Iglesias Marta NOVEL TETRAZOLE-MOFS HIGHLY ACTIVE A TANDEM REACTION: EPOXIDATION AND CO ₂ CYCLOADDITION OF ALKENES

- 15 0145 **S6P15** Del Angel Montes Raquel Adriana, Mouchaham Georges, Zhou Lin, Daturi Marco, Serre Christian
BIMETALLIC METAL-ORGANIC FRAMEWORKS (MOFS) AS CATALYSTS FOR ENERGY RELATED APPLICATIONS
- 16 0147 **S6P16** Stachura Emilian, Bury Wojciech
FROM 3D MOF TO 2D NANOSHEETS: IMPROVING CATALYTIC ACTIVITY
- 17 0266 **S6P17** Barghi Bijan
IMPROVEMENT OF OXIDATIVE DESULFURIZATION REACTION OVER MODIFIED UIO-66(ZR) BY METAL DOPING
- 18 0277 **S6P18** Galaco Ayla, Serra Osvaldo, Fonseca de Lima Juliane, de Carvalho Gomes Viviane
ENHANCEMENT EFFECT OF SOOT COMBUSTION OVER CEO₂ CATALYSTS OBTAINED FROM CE-BTC-MOF

S7: Physical properties (electronic, ionic, photophysical, magnetic ...)

No.	REGISTRATION abstract number	PROGRAMME abstract CODE	
1	0026	S7P01	Deutsch Anna-Lena, Heinemeyer Thea, Fischer Reinhard X., Behrens Peter REFRACTIVE INDEX MEASUREMENTS OF MOF SINGLE CRYSTALS USING THE IMMERSION METHOD
2	0080	S7P02	Babal Arun Singh, Tan Jin-Chong TUNABLE DIELECTRIC PROPERTIES OF METAL-ORGANIC FRAMEWORKS
3	0100	S7P03	Taksande Kiran, Shyamapada Nandi, Wahiduzzaman Mohammad, Maurin Guillaume, Devautour-Vinot Sabine IDENTIFICATION OF HIGHLY PROTON CONDUCTIVE MOFS BY A HYBRID EXPERIMENTAL-COMPUTATIONAL STRATEGY
4	0179	S7P04	Desai Aamod, Morris Russell, Armstrong A. Robert FUNCTIONAL METAL-ORGANIC FRAMEWORKS (MOFS) FOR CHARGE STORAGE IN SODIUM-ION BATTERIES
5	0199	S7P05	Lupa Magdalena, Kozyra Paweł, Jajko Gabriela, Matoga Dariusz INDUCING HIGH PROTON CONDUCTIVITY IN METAL-ORGANIC FRAMEWORKS BY MECHANOCHEMICAL APPROACH
6	0202	S7P06	Wyczesany Maciej, Heczko Michal, Reczynski Mateusz, Sieklucka Barbara, Chorazy Szymon GD(III)–PT(II) POROUS COORDINATION POLYMER AS AN EFFECTIVE PHOTOLUMINESCENT HUMIDITY SENSOR
7	0222	S7P07	Galicia-Badillo Dazaet, Torres-Huerta Aaron, Guzmán Espinoza Carlos Víctor, Barquera-Lozada José Enrique, Rodríguez-Molina Braulio POSTSYNTHETIC MODIFIED AMPHIDYNAMIC ZIRCONIUM METAL-ORGANIC FRAMEWORK
8	0246	S7P08	Robertson Georgina RESPONSE OF METAL-ORGANIC FRAMEWORK STRUCTURES TO VARIOUS PRESSURE STATES
9	0011	S7P09	Keppler Nils Christian, Hindricks Karen Deli Josefine, Schulze Hendrik Albert, Behrens Peter LARGE REFRACTIVE INDEX CHANGES IN ZIF-8 THIN FILMS OF OPTICAL QUALITY
10	0087	S7P10	Amayuelas Eder, Bartolomé Luis, Grosu Yaroslav ZIF-67 MOF STABILITY IN WATER INTRUSION-EXTRUSION PROCESS: MATERIAL'S QUALITY-DEPENDENT PERFORMANCE
11	0141	S7P11	Shiozawa Hidetsugu MOLECULAR AND ELECTROCHEMICAL DOPING OF METAL-ORGANIC FRAMEWORKS
12	0135	S7P12	Rega Davide, Damonti Claudia, Mula Srinidhi, Van der Veen Monique Anne POLING OF THE ZIF-8 ANALOGUE CDIF-1 FOR PIEZOELECTRIC ENERGY HARVESTING
13	0056	S7P13	Zhang Yang, Tan Jin-Chong DYE-ENCAPSULATED ZIF-71 FOR FLUOROCHROMIC SENSING OF PRESSURE, TEMPERATURE, AND VOLATILE SOLVENTS
14	0105	S7P14	Milichko Valentin MOF-BASED OPTICAL TRIGGER

- 15 0131 **S7P15** Kenzhebayeva Yuliya
OPTICAL TUNING OF THE COLOR OF HKUST-1 NANOCRYSTALS
- 16 0247 **S7P16** Lu Kuang-Lieh, Usman Muhammad
THE INVALIDITY OF MOORE'S LAW: AN OPPORTUNITY FOR METAL-ORGANIC FRAMEWORKS
- 17 0262 **S7P17** Valente Goncalo, Paracana Ana, Rodríguez Miguel, Souto Manuel, Alves Helena, Carlos Luís, Rocha João, Diéguez Antonio
ENHANCED ELECTRICAL- AND PHOTO-CONDUCTIVITY IN AN IODINE-DOPED PERYLENE-BASED METAL-ORGANIC FRAMEWORK

S8: Biological and medicinal aspects

No.	REGISTRATION abstract number	PROGRAMME abstract CODE	
1	0028	S8P01	Ahmed Ahmed, Papatriantafyllopoulou Constantina A ZN(II) SCHIFF BASE METAL-ORGANIC FRAMEWORK WITH EXCEPTIONAL DOXORUBICIN DELIVERY PROPERTIES
2	0184	S8P02	Vlachos Michail, Froudakis George, Tylanakis Manolis, Stergiannakos Taxiarchis, Klontzas Manolis COMPUTATIONAL STUDY OF 5-FLUOROURACIL INTERACTION WITH ZEOLITE IMIDAZOLE FRAMEWORKS (ZIFS)
3	0203	S8P03	Madej Maria, Matoga Dariusz, Klaudia Skaźnik, Porada Radosław, Baś Bogusław, Kochana Jolanta APPLICATION OF MANGANESE(II) ISONICOTINATE FRAMEWORK JUK-2 FOR ELECTROCHEMICAL SENSOR FABRICATION
4	0221	S8P04	Mirzazadeh Dizaji Negar, Lin Yi, Bein Thomas, Lächelt Ulrich, Engelke Hanna A BIOCOMPATIBLE SYNTHESIS OF MIL-88A NPS AS CARRIER FOR FUNCTIONAL PROTEINS
5	0106	S8P05	HIDALGO T., Simón-Vázquez R., González-Fernández A., Alonso M.J., Horcajada P. CRACKING THE IMMUNE FINGERPRINT OF NANOSCALED METAL-ORGANIC FRAMEWORKS (NANOMOFS)
6	0171	S8P06	Velasquez-Hernandez Miriam, Falcaro Paolo, Doonan Christian ENCAPSULATION OF GLYCOSAMINOGLYCANS WITHIN METAL-AZOLATE FRAMEWORKS
7	0032	S8P07	Boyadjieva Sophia, Loan Thomas, Forgan Ross STABILITY STUDY OF SURFACE-FUNCTIONALISED METAL-ORGANIC FRAMEWORK UIO-66 FOR DRUG DELIVERY
8	0139	S8P08	Gkaniatsou Effrosyni, Serre Christian, Steunou Nathalie, Sicard Clemence IN-SITU IMMOBILIZATION OF BIOMOLECULES IN METAL-ORGANIC FRAMEWORKS
9	0200	S8P09	Dymek Klaudia, Kurowski Grzegorz, Kuterasiński Łukasz, Jędrzejczyk Roman, Szumera Magdalena, Sitarz Macej, Pajdak Anna, Boguszczyńska-Czubara Anna, Jodłowski Pżemysław IN SEARCH FOR EFFECTIVE UIO-66 METAL ORGANIC FRAMEWORKS FOR ARTIFICIAL KIDNEY APPLICATION
10	0224	S8P10	Neuer Anna Lena, Gogos Alexander, Anthis Alexandre, Herrmann Inge K. NANO-ANALYTICAL CHARACTERIZATION OF METAL ORGANIC FRAMEWORK BIOTRANSFORMATION

S9: COFs, porous liquids, composites, carbonized MOFs, glasses, cages, porous polymers

No.	REGISTRATION abstract number	PROGRAMME abstract CODE	
1	0034	S9P01	Gilmanova Leisan, Bon Volodymyr, Kaskel Stefan NEW 2D IMINE-LINKED COFS FOR HUMIDITY CONTROL AND PH SENSING APPLICATIONS
2	0036	S9P02	Cid Seara Krystal M. TOWARDS COVALENT ORGANIC FRAMEWORKS AS ARTIFICIAL METALLOENZYMES FOR HYDROGEN ACTIVATION
3	0060	S9P03	Saad Ali GRAPHENE OXIDE AS A STRUCTURAL DIRECTING AGENT OF MOFS
4	0065	S9P04	Broto-Ribas Anna, Carné-Sánchez Arnau, Gándara Felipe, Imaz Inhar, Maspoch Daniel NEW ANISOTROPIC POROUS RHODIUM METAL-ORGANIC POLYHEDRA
5	0103	S9P05	Wahiduzzaman Mohammad, Zheng Jian, Zheng Jian, Barpaga Dushyant, Trump Benjamin A., Gutierrez Oliver Y., Thallapally Praveen, Ma Shengqian, McGrail B. Peter, Motkuri Radha Kishan, Maurin Guillaume LEVERAGING DEFECTS OF POROUS COVALENT ORGANIC POLYMERS FOR EFFICIENT FLUOROCARBON-BASED ADSORPTION COOLING
6	0107	S9P06	De Ankita, Schneemann Andreas TUNING OF INTERLAYER DISTANCES BETWEEN TWO-DIMENSIONAL COVALENT ORGANIC FRAMEWORKS
7	0123	S9P07	Mezenov Yuri, Bruyere Stéphanie, Milichko Valentin IN SITU MODIFICATION OF METAL-ORGANIC FRAMEWORKS UNDER ELECTRONIC BEAM
8	0156	S9P08	López Alfredo, Ibarra Ilich SO2 PERMANENT SEQUESTRATION IN A PD6L8 METALORGANIC CAGE: THE RELEVANCE OF PD(II)
9	0232	S9P09	Bonfant Giulia, Balestri Davide, Gennari Marcello, Bracco Silvia, Comotti Angiolina, Sozzani Piero, Marchiò Luciano INVESTIGATION OF PHOSPHOROUS-BASED POROUS MATERIALS PREPARED FROM DIFFERENT OF FRIEDEL-CRAFT POLYMERIZATION
10	0270	S9P10	Dautzenberg Ellen, Lam Milena, Li Guanna, de Smet Louis C.P.M. INFLUENCE OF METHYLATION ON THE SURFACE AREA OF IMINE-LINKED COVALENT ORGANIC FRAMEWORKS (COFS)
11	0018	S9P11	Melero Manuel, Llabres i Xamena Francesc X., Diaz Urbano SOPS AS EFFICIENT HETEROGENEOUS CATALYSTS FOR ESTERIFICATION, THIOESTERIFICATION AND AMIDATION REACTIONS
12	0022	S9P12	Palomino Cabello Carlos, del Rio Mateo, Turnes Palomino Gemma ZIF-67@CARBON HYBRID MAGNETIC MATERIAL AS AN EFFICIENT ADSORBENT FOR PHENOLIC COMPOUNDS
13	0125	S9P13	Borchert Konstantin B.L., Steinbach Christine, Reis Berthold, Schwarz Dana HARD TEMPLATING OF POLY(MELAMINE-CO-FORMALDEHYDE) PARTICLES FOR TUNABLE PORE STRUCTURES FOR WATER TREATMENT

- 14 0223 **S9P14** Rotter Julian M., Guntermann Roman, Auth Michael, Mähringer Andre, Sperlich Andreas, Dyakonov Vladimir, Medina Dana D., Bein Thomas
HIGHLY CONDUCTING WURSTER-TYPE REDOX-ACTIVE COVALENT ORGANIC FRAMEWORKS
- 15 0236 **S9P15** Zhu Dongyang, Khalil Safiya, Verduzco Rafael
SCALABLE ROUTES TO SYNTHESIS AND PROCESSING OF IMINE-LINKED COFS
- 16 0009 **S9P16** Ratsch Martin, Ye Chen, Yang Yizhou, Zhang Airui, Evans Austin M., Börjesson Karl
SMOOTH 3D POROUS AROMATIC FRAMEWORK FILMS WITH NANOMETER PRECISE CONTROLLABLE THICKNESS
- 17 0012 **S9P17** Tsang Min Ying
PROCESSING POROUS SOLID INTO POROUS LIQUIDS AND GELS
- 18 0048 **S9P18** McHugh Lauren, Thorne Michael, Divitini Giorgio, Bennett Thomas
PREPARATION OF METAL-ORGANIC FRAMEWORK HYBRID CERAMICS
- 19 0088 **S9P19** Morgan Sarah, O'Connell Andie, Jansson Anton, Peterson Gregory, Mahle John, Eldred Tim, Gao Wenpei, Parsons Gregory
RAPID VAPOR CRYSTALLIZATION OF STRETCHABLE MOF-FIBER COMPOSITES FOR CHEMICAL WARFARE AGENT HYDROLYSIS
- 20 0188 **S9P20** HALDAR Dr. SATTWICK
TUNING THE ELECTRONIC ENERGY LEVEL OF COVALENT ORGANIC FRAMEWORKS FOR CRAFTING HIGH-RATE NA-ION BATTERY ANODE
- 21 0020 **S9P21** Crespi Sanchez Neus, Palomino Cabello Carlos, Turnes Palomino Gemma
NTU-9 DERIVED TIO2 COATED STIRRER AS A HIGHLY EFFICIENT DEVICE FOR PHOTOCATALYSIS
- 22 0039 **S9P22** Chanchaona Nadhita
GENERALISATION OF HYPERCROSSLINKED POLYMER SYNTHESIS VIA CONTINUOUS FLOW SYSTEM
- 23 0046 **S9P23** Bumstead Alice, Bennett Thomas
INVESTIGATING THE MELTING BEHAVIOUR OF POLYMORPHIC ZEOLITIC IMIDAZOLATE FRAMEWORKS
- 24 0050 **S9P24** Thorne Michael, Bennett Thomas
MECHANICALLY INDUCED GLASS FORMATION IN MOFS
- 25 0054 **S9P25** Tricarico Michele
MECHANICAL PROPERTIES OF MOF MONOLITHS AND THEIR DYE-ENCAPSULATED COMPOSITES
- 26 0063 **S9P26** Carne-Sanchez Arnau
FUNCTIONALIZATION AND ASSEMBLY OF RH(II)-BASED METAL-ORGANIC POLYHEDRA (MOPS)
- 27 0079 **S9P27** Biswas Subharanjan
DESIGN OF METAL ORGANIC FRAMEWORK BASED COMPOSITES FOR CULTURAL HERITAGE PRESERVATION
- 28 0084 **S9P28** Terruzzi Stephanie, Colombo Valentina, Kieslich Gregor, Fischer Roland
MULTIVARIATE, FLEXIBLE MOFS: THE ROLE OF FUNCTIONALIZED LINKERS, HETEROGENEITY AND DEFECTS
- 29 0127 **S9P29** Reis Berthold, Borchert Konstantin B. L., Schwarz Dana
EFFECTS OF DIFFERENT FUNCTIONAL GROUPS IN CONJUGATED MICROPOROUS NETWORKS ON THE HYDROGEN EVOLUTION REACTION

