

**MONDAY, January 23, 2022**

8:00 AM	Registration				
08:30	Opening: Hall - 1				
09:00	<b>PLENARY SESSION 1</b> Hall - 1 <b>Ammonia for Net Zero Combustion</b> <i>Agustin Valera-Medina</i> , Cardiff School of Engineering, U.K Chair:				
09:50	<b>PLENARY SESSION 2</b> Hall - 1 <b>Role of Hydrogen Combustion in the Decarbonization of Power Sector</b> <i>Abdurrahman Khalidi</i> , Chief Technology Officer of GE Power for Middle East, North Africa, South Asia Chair:				
10:40	Coffee break				
11:20	<b>PARALLEL SESSIONS</b>				
	<b>TURBULENT COMBUSTION</b> Hall - 1 Chair:	<b>LAMINAR FLAMES</b> Hall - 2 Chair:	<b>ENGINE, GAS TURBINE &amp; SPRAY COMBUSTION</b> Hall - 3 Chair:	<b>COMBUSTION DIAGNOSTICS</b> Hall - 4 Chair:	<b>FIRE AND EXPLOSIONS</b> Hall - 5 Chair:
	<b>MCS12-003-TC</b>	<b>MCS12-106-LF</b>	<b>MCS12-070-EG</b>	<b>MCS12-001-CD</b>	<b>MCS12-002-FE</b>
11:20	AN ACTIVE TURBULENCE GENERATOR FOR TURBULENT COMBUSTION RESEARCH AND APPLICATIONS: FLOW CHARACTERISTICS	EVALUATION OF EXTENDED REACTION MECHANISMS IN SOOT MODELING IN A VAPORIZED GASOLINE LAMINAR COFLOW DIFFUSION FLAME	INVESTIGATION OF THE EFFECTS OF FUEL ON ISOBARIC COMBUSTION IN A HEAVY-DUTY OPTICAL DIESEL ENGINE	EFFECT OF PARTICLE SIZE DISTRIBUTION AND COMPLEX REFRACTION INDEX OF ALUMINA ON INFRARED ROCKET PLUME SIGNATURES	ON THE GROWTH OF WILDLAND FIRES FROM A SMALL IGNITION SOURCE
	<i>L. Saca, S. Mohammadnejad, and S. Kheirkhah</i>	<i>Martin Weiss, Rodrigo Demarco, Mijail Littin, Felipe Escudero, Fengshan Liu</i>	<i>Niraj Panthi, Harsh Goyal, and Gaetano Magnotti</i>	<i>M. S. Yasar, G. Ozen, N. Selçuk and G. Kulah</i>	<i>M. Thomsen, A. C. Fernandez-Pello and F. A. Williams</i>
	<b>MCS12-134-TC</b>	<b>MCS12-108-LF</b>	<b>MCS12-120-EG</b>	<b>MCS12-019-CD</b>	<b>MCS12-033-FE</b>
11:40	A PRIORI ANALYSIS OF MULTIMODAL TURBULENT COMBUSTION APPROACH ON A MULTI-REGIME BURNER	EFFECTS OF RADIATION MODEL ON THE SIMULATION OF LAMINAR COFLOW DIFFUSION SOOTING FLAMES AT ELEVATED PRESSURE	PERFORMANCE OF A METHANOL FUELLED DIRECT-INJECTION COMPRESSION IGNITION HEAVY-DUTY ENGINE UNDER LOW TEMPERATURE COMBUSTION CONDITIONS	BIOMASS PARTICLE RADIATION INTERACTION AND THE EFFECT OF SHAPE AND STRUCTURE SIMPLIFICATIONS	CHARACTERIZATION OF FLAME SPREAD OVER PMMA USING A TEMPERATURE RECONSTRUCTION METHOD
	<i>L. Angelilli, P. P. Ciottoli, F. E. Hernandez-Perez, M. Valorani, and H. G. Im</i>	<i>Junjun Guo and Hong G. Im</i>	<i>Mark Treacy, Leilei Xu, Hesameddin Fatehi and Xue-Song Bai</i>	<i>M. Koch, S. Pielsticker, and R. Kneer</i>	<i>D. Morrisset, R. M. Hadden, A. Law</i>
	<b>MCS12-089-TC</b>	<b>MCS12-071-LF</b>	<b>MCS12-073-EG</b>	<b>MCS12-007-CD</b>	<b>MCS12-015-FE</b>
12:00	REVISITING MODELLING MIXING TIME SCALES OF LAGRANGIAN FILTERED DENSITY FUNCTION METHODS	SOOT FORMATION IN COMBUSTION OF SPHERICALLY SYMMETRIC ISOLATED FUEL DROPLETS WITH DIFFERENT INITIAL DIAMETERS	A COMPUTATIONAL INVESTIGATION OF KNOCKING TENDENCY IN A HYDROGEN-FUELED SI ENGINE	INVESTIGATION ON CORRELATION BETWEEN PAHS AND SOOT IN LAMINAR CO-FLOW DIFFUSION FLAMES OF ANISOLE	A PRIORI ANALYSIS OF PRESUMED PDF MODELS FOR TURBULENCE-SOOT PRODUCTION INTERACTION IN NON-PREMIXED JET FLAMES
	<i>J. Yang and A. Kronenburg</i>	<i>A. Nobili, A. Frassoldati, T. Faravelli, and A. Cuoci</i>	<i>Hammam Aljabri, Moez Ben Houidi, Xinlei Liu, Moaz Allehaibi, Fahad Almatrafi, Abdullah S. AlRamadan, Balaji Mohan, Emre Cenker, Hong Im</i>	<i>Yu Cai, Jiefeng Wan, Biaojie Liu, Hui Du and Lei Zhou</i>	<i>J.L. Consalvi and F. Nmira</i>
	<b>MCS12-008-TC</b>	<b>MCS12-109-LF</b>	<b>MCS12-087-EG</b>	<b>MCS12-026-CD</b>	<b>MCS12-014-FE</b>
12:20	A PRIORI VALIDATION OF A MULTIDIMENSIONAL TURBULENT PREMIXED COMBUSTION MODEL	SOOT PROPERTIES CHARACTERIZATION OF AVIATION JET A-1 LAMINAR NON-PREMIXED COFLOW FLAME	NUMERICAL INVESTIGATION OF ENGINE PERFORMANCE AND EMISSION CHARACTERISTICS OF AN AMMONIA/HYDROGEN/N-HEPTANE ENGINE UNDER RCCI OPERATING CONDITIONS	ACCURATE IGNITION DETECTION OF SOLID FUEL PARTICLES USING MACHINE LEARNING	THE EFFECT OF OXYGEN DEPLETION ON SOOT PRODUCTION IN LAMINAR COFLOW ETHYLENE NONPREMIXED FLAMES
	<i>M. Pfitzner, J. Shin, M. Klein</i>	<i>Vincenzo Rosati, Juan José Cruz, Felipe Escudero, Claudio Barrera, Dongping Chen, Andrés Fuentes</i>	<i>Leilei Xu, Xue-Song Bai</i>	<i>T. Li, Z. Liang, A. Dreizler and B. Bo'hm</i>	<i>A. Bouffard, F. Nmira, J. L. Consalvi</i>
12:40	Lunch break				

PLENARY SESSION 3						
Hall - 1						
The Spectral Line Weighted-Sum-of-Gray-Gases (SLW) Model for Prediction of Radiative Transfer in High Temperature Gases						
Brent Webb, Brigham Young University, USA						
Chair:						
PARALLEL SESSIONS						
TURBULENT COMBUSTION		LAMINAR FLAMES	ENGINE, GAS TURBINE & SPRAY COMBUSTION	COMBUSTION DIAGNOSTICS	FIRE AND EXPLOSIONS	
Hall - 1		Hall - 2	Hall - 3	Hall - 4	Hall - 5	
Chair:		Chair:	Chair:	Chair:	Chair:	
MCS12-034-TC		MCS12-148-LF	MCS12-028-EG	MCS12-050-CD	MCS12-029-FE	
COMPARISON OF FLAME PROPAGATION STATISTICS IN STATISTICALLY PLANAR TURBULENT PREMIXED FLAMES USING DIRECT NUMERICAL SIMULATIONS WITH DETAILED AND SIMPLE CHEMISTRY AND TRANSPORT		EFFECTS OF N-DECANE SUBSTITUTION ON COUNTERFLOW EXTINCTION OF FORMIC ACID FLAMES	INVESTIGATION OF AN ATMOSPHERIC GAS TURBINE MODEL COMBUSTOR WITH LARGE-EDDY SIMULATION USING FINITE-RATE CHEMISTRY	SIMULTANEOUS BTEX SENSING IN A SHOCK TUBE	THE DISPUTED ROLE OF LONGITUDINAL SOLID CONDUCTION IN OPPOSED FLAME SPREAD ON THERMALLY THIN MATERIALS	
15:50		F.B. Keil, N. Chakraborty and M. Klein	Adamu Alfazazi, Et-touhami Es-sebbar, Jiajun Li, S. Xiayuan Zhang, Marwan Abdullah, Mourad Younes, Mani Sarathy, Bassam Dally	J. Eigemann, K. Roderigo, P. Gruhke, C. Beck and A. M. Kempf	Mhanna Mhanna, Mohamed Sy, Ali Elkhazraji, Amir Farooq	Subrata Bhattacharjee, Michael Delichatsios
MCS12-036-TC		MCS12-147-LF	MCS12-039-EG	MCS12-142-CD	MCS12-011-FE	
EVOLUTION OF FLAME DISPLACEMENT SPEED WITHIN FLAME FRONT IN DIFFERENT REGIMES OF PREMIXED TURBULENT COMBUSTION		METHANE/HYDROGEN PEROXIDE LAMINAR DIFFUSION OPPOSED-FLOW FLAME	SOOT FORMATION IN SWIRL-STABILIZED SPRAY COMBUSTION OF JET A-1 DOPED WITH N-PENTANOL IN A LABORATORY GAS TURBINE COMBUSTOR	SELECTIVE BTEX DETECTION USING LASER ABSORPTION SPECTROSCOPY IN THE CH BENDING MODE REGION	EFFECTS OF FUEL SOOTING PROPENSITY ON THE THERMAL AND BURNING CHARACTERISTICS OF LABSCALE POOL FIRES	
16:10		N. Chakraborty, C. Dopazo, H. Dunn and U. Ahmed	Jiajun Li, Adamu Alfazazi, Bassam Dally	Rahul B. Vishwanath, Peter A. Carniglia, Jacob K. Weber and Omer L. Gülder	Ali Elkhazraji, Jory Aldhawayan, Mhanna Mhanna, Mohamed Sy, Mohammad Adil, Mohammed Khaled Shakfa and Aamir Farooq	R. Mazurek da Silva, S. Thion, F. Nmira and J.L. Consalvi
MCS12-043-TC		MCS12-096-LF	MCS12-075-EG	MCS12-150-CD	MCS12-128-FE	
FLAME SURFACE DENSITY AND ARTIFICIALLY THICKENED FLAME COMBUSTION MODELS APPLIED TO A TURBULENT PARTIALLY-PREMIXED FLAME		ANISOLE MATURITY CHARACTERIZATION IN A LAMINAR COFLOW DIFFUSION FLAME	STABILITY EFFECT OF THE PILOT BURNER IN AN INDUSTRIAL GAS TURBINE AND ITS EMISSIONS	ACETYLENE DETECTION IN ETHYLENE/AIR FLAMES USING MID-INFRARED LASER POLARIZATION SPECTROSCOPY AT ATMOSPHERIC PRESSURE	EXPLORATORY STUDY OF THE IMPACT OF THE TURBULENCE MODEL ON FLAME EXTINCTION WITH AN EDM AND EDC/FINITE-RATE APPROACH FOR A LINE BURNER CONFIGURATION	
16:30		S. Lomada, M. Klein and M. Pfitzner	C. Barrera, V. Castro, F. Escudero, J.J. Cruz, I. Verdugo, J. Yon, A.Fuentes	C. Allouis, A. Amoresano, M. Karaca, G. Quaremba, A. Saponaro	A. Wanxia Zhao, B. Bassam B. Dally, and C. Zeyad T. Alwahabi	Jeri At Thabari, Georgios Maragkos, Bart Merzi
16:50 Coffee break						
17:20 PARALLEL SESSIONS						
TURBULENT COMBUSTION		LAMINAR FLAMES	ENGINE, GAS TURBINE & SPRAY COMBUSTION	COMBUSTION DIAGNOSTICS	FIRE AND EXPLOSIONS	
Hall - 1		Hall - 2	Hall - 3	Hall - 4	Hall - 5	
Chair:		Chair:	Chair:	Chair:	Chair:	
MCS12-032-TC		MCS12-139-LF	MCS12-092-EG	MCS12-085-CD	MCS12-137-FE	
DIFFERENTIAL DIFFUSION EFFECTS IN THE NEAR FIELD OF NH3-H2-N2 JET DIFFUSION FLAMES AT ELEVATED PRESSURE		A FILTER-BASED APPROACH FOR THE MEASUREMENT OF SOOT OPTICAL PROPERTIES	ON THE AERODYNAMIC INSTABILITY IN A SWIRL COMBUSTOR OPERATING WITH LEAN PREMIXED HYDROGEN-ENRICHED METHANE BLEND	EXPERIMENTAL INVESTIGATION OF THE DYNAMICS OF PARTIALLY PREMIXED HYDROGEN FLAMES IN A LEAN DIRECT INJECTION (LDI) COMBUSTOR	BLOWOFF AT THE LEADING EDGE OF A VERTICAL BOUNDARY LAYER DIFFUSION FLAME ESTABLISHED OVER A 3D PRINTED POROUS BURNER	
17:20		H. Tang, C. Yang, G. Wang, Y. Krishna, W. Roberts, T. Guiberti, and G. Magnotti	F. Picca, M. Cascone, F. Sasso, M. Commodo, P. Minutolo, A. D'Anna	S. Qiu, E. Karlis, A. M. K. P. Taylor and Y. Hardalupas	Chinonso Ezenwajaku, Midhat Talibi, Mark Picciani, Andrea Ducci and Ramanarayanan Balachandran	V. Gupta, T. Xiao, M.J. Dunn, J.L. Torero, A.R. Masri
MCS12-123-TC		MCS12-149-LF	MCS12-088-EG	MCS12-107-CD	MCS12-069-FE	
DIFFERENTIAL DIFFUSION MODELLING OF A LIFTED H2 FLAME IN VITIATED COFLOW USING LES-FLAMELET APPROACH		LOW-PRESSURE ETHYLENE/AIR LAMINAR PREMIXED FLAMES: CHARACTERISATIONS AND SOOTS DIAGNOSTICS	PILOT IMPACT ON SWIRLING COMBUSTION CHARACTERISTICS OF PREMIXED METHANE/AIR FLAME STRUCTURE	DYNAMIC RANGE GATE OF TIRE-LII MEASUREMENTS FOR SOOT TEMPERATURE	MODELLING AND OPTIMISATION OF EXTINCTION ACTIONS FOR WILDFIRE SUPPRESSION	
17:40		G. Ferrante, B. Kruljevic, and I. Langella	S. Algoraini, Z. Sun, B. B Dally, Z. T. Alwahabi	F. Pignatelli, A. A. Subash, R. Z. Szasz, X. S. Bai, M. Alden, D. Lo'rstad, P. Petersson	V. Castro, N. Gutiérrez, J.J. Cruz, R. Demarco, M. Littin, F. Escudero, J. Yon, F. Liu, A. Fuentes	J. E. Petersen, S. Kapur, S. Gkantonas, E. Mastorakos, and A. Giusti
MCS12-062-TC		MCS12-053-LF	MCS12-126-EG	MCS12-125-CD	MCS12-090-FE	
SHOCK TUBE EXPERIMENTS ON FLAME PROPAGATION REGIMES FOR HYDROGEN-AIR MIXTURES AT CRYOGENIC TEMPERATURES		MULTIPLE STRUCTURES AND TRANSITION MECHANISMS OF LAMINAR FUEL-RICH ETHANOL/AIR COUNTERFLOWING SPRAY FLAMES	A HYBRID ENERGY SYSTEM BASED ON GAS TURBINE, SUPERCRITICAL CO2 BRAYTON CYCLE AND ORC FOR MARINE APPLICATIONS: A PERFORMANCE ANALYSIS	THE STUDY OF A PREMIXED AIR/KEROSENE TURBULENT FLAME	FLAME SPREADING IN CONFINED SPACES	
18:00		M. Kuznetsov, A. Denkevits, A. Friedrich, and A. Vesper	Z. Ying and E. Gutheil	F. Reale, R. Calabria and P. Massoli	R. Ogabi, B. Manescau and K. Chetehouna	V. N. Papadogianni, A. Romeos, A. Giannadakis, K. Perrakis, Th. Panidis
18:20 End of the day						

**TUESDAY, January 24, 2022**

	<b>PLENARY SESSION 4</b> Hall - 1
08:30	<b>Industrial High-Temperature Processes - Development of Alternative Firing Strategies</b> <i>Klas Andersson, Chalmers University of Technology, Sweden</i> <i>Chair:</i>
09:20	<b>Flash Presentations</b> Hall - 1  <i>Chair:</i>
10:00	<b>WIP + Coffee break</b>
11:00	<b>EXCURSION with Light lunch box + Dinner</b>
20:00	End of the day

**WEDNESDAY, January 25, 2022**

PLENARY SESSION 5					
Hall - 1					
Developing Detailed Chemical Kinetic Mechanisms for Fuel Combustion					
Henry Curran, National University of Ireland, Ireland					
Chair:					
Coffee break					
PARALLEL SESSIONS					
TURBULENT COMBUSTION	LAMINAR FLAMES	ENGINE, GAS TURBINE & SPRAY COMBUSTION	REACTION KINETICS	FIRE AND EXPLOSIONS	
Hall - 1 Chair:	Hall - 2 Chair:	Hall - 3 Chair:	Hall - 4 Chair:	Hall - 5 Chair:	
MCS12-068-TC	MCS12-022-LF	MCS12-045-EG	MCS12-017-RK	MCS12-143-FE	
A GENERATIVE-ADVERSARIAL NETWORK (GAN) APPROACH FOR GENERATING FLAME TRANSITION IMAGES IN MODEL COMBUSTORS	LIFTED EDGE FLAMES: SYMMETRIC AND NON-SYMMETRIC CONFIGURATIONS	CORRECTION METHODS FOR EXCHANGE SOURCE TERMS IN UNSTRUCTURED EULER-LAGRANGE SOLVERS WITH POINT-SOURCE APPROXIMATION	IGNITION DELAY TIME OF C1 – C7 NATURAL GAS BLENDS AT THE INTERMEDIATE AND HIGH TEMPERATURE REGIME: EXPERIMENTAL AND CORRELATION	DIRECT NUMERICAL SIMULATION OF PULSATING TO UNIFORM FLAME SPREAD ACROSS ALCOHOL POOL	
Gautham Krishnamoorthy and Nghia Duc Tin Nguyen	V.N. Kurdyumov and C. Jiménez	T. Lesaffre, A. Pestre, E. Riber, and B. Cuenot	A. Abd El-Sabor Mohamed, Sajjad Yousefian, Rory F.D. Monaghan, Gilles Bourque, Henry Curran	Baopeng Xu and Jennifer X Wen	
MCS12-082-TC	MCS12-079-LF	MCS12-110-EG	MCS12-025-RK	MCS12-122-FE	
A DATA-DRIVEN, PHYSICS-INFORMED FRAMEWORK FOR SUBGRID COMBUSTION CLOSURE USING ARTIFICIAL NEURAL NETWORK	EXPERIMENTAL AND NUMERICAL STUDY OF LAMINAR FLAME SPEED OF AMMONIA/ETHANOL AND AMMONIA AT HIGH PRESSURE AND TEMPERATURE	ONE DIMENSIONAL MODELING OF DETONATION INTERACTIONS WITH SPRAYS	CONSTRUCTION OF A SMALL-SIZED SIMPLIFIED CHEMICAL KINETICS MODEL FOR THE SIMULATION OF N-PROPYLCYCLOHEXANE COMBUSTION PROPERTIES	A FULLY DYNAMIC APPROACH FOR TURBULENCE AND COMBUSTION MODELLING: SYSTEMATIC ASSESSMENT STUDY ON FIRE PLUMES WITH VARIABLE HEAT RELEASE RATE	
S. Iavarone, A. Pe'quin, N. Swaminathan and A. Parente	R. Pelé, G. Dayma, C. Mounaim-Rousselle, P. Brequigny, and F. Halter	R. Bielawski, and V. Raman	Hossein.S.Saraee, Kevin.J.Hughes, Mohamed.Pourkashanian	G. Maragkos and B. Merci	
MCS12-100-TC	MCS12-023-LF	MCS12-111-EG	MCS12-010-RK	MCS12-101-FE	
APPLICATION OF AN ARTIFICIAL NEURAL NETWORK TO SUB-FILTER DENSITY FUNCTION ESTIMATION FOR TURBULENT FLAMES SIMULATION	FLAME STABILIZATION IN NARROW CHANNELS BY A HIGHLY CONDUCTIVE WALL SEGMENT	GENERATIVE ADVERSARIAL NETWORKS FOR MODELLING FUEL SPRAYS	EXPERIMENTAL ASSESSMENT OF METHANOL CHEMICAL KINETIC MECHANISM WITH FOCUS ON FORMALDEHYDE FORMATION AND CONTROL	IGNITION OF WILDLAND FUELS EXPOSED TO A TIME-DECREASING INCIDENT HEAT FLUX	
H. Yang, S. Iavarone, J.C. Massey, and N. Swaminathan	V.N. Kurdyumov and C. Jiménez	C. Ates, F. Karwan, M. Okrashevski, R. Koch, and H.-J. Bauer	Ariel Sharon and Yeshayahu Levy	F. Valenzuela, J.I. Rivera, F. Ebensperger, C. Alvarez, P. Reszka, F. Auat Cheein, A. Fuentes	
MCS12-044-TC	MCS12-081-LF	MCS12-127-EG	MCS12-009-RK	MCS12-103-FE	
STATISTICAL BEHAVIOUR OF SCALAR VARIANCE TRANSPORT DURING PREMIXED FLAME-WALL INTERACTION IN TURBULENT BOUNDARY LAYERS	ENTROPY GENERATION ASSESSMENT OF METHANE-NITROUS OXIDE DIFFUSION FLAMES IN A TRIPLE-PORT BURNER	UNCERTAINTY QUANTIFICATION ANALYSIS OF RANS OF SPRAY SWIRLING JETS UNDERGOING VORTEX BREAKDOWN	THERMAL DECOMPOSITION OF LOW-DENSITY POLYETHYLENE: MODEL DEVELOPMENT AND PARAMETERIZATION OVER GASIFICATION EXPERIMENTS	A SIMPLER TRACTABLE CONTOUR TECHNIQUE TO MODEL THERMAL RADIATION FROM BUOYANT DIFFUSION FLAMES	
Sanjeev Kr. Ghai, Umair Ahmed, Nilanjana Chakraborty	Po-Hung Lin, Yueh-Heng Li, Wen-Yuan Tsai, and Chao-Wei Huang	J. Liberatori, R. Malpica Galassi, M. Valorani and P.P. Ciottoli	Alain Coimbra, Johan Sarazin, Serge Bourbigot, Guillaume Legros, Jean-Louis Consalvi	P. Pinto, M. Littin, J. I. Rivera, G. Severino, J. J. Cruz, A. Fuentes	
Coffee break					
PARALLEL SESSIONS					
TURBULENT COMBUSTION	HETEROGENEOUS COMBUSTION AND PYROLYSIS	ENGINE, GAS TURBINE & SPRAY COMBUSTION	REACTION KINETICS	FIRE AND EXPLOSIONS	
Hall - 1 Chair:	Hall - 2 Chair:	Hall - 3 Chair:	Hall - 4 Chair:	Hall - 5 Chair:	
MCS12-064-TC	MCS12-004-HC	MCS12-095-EG	MCS12-049-RK	MCS12-055-FE	
THE EFFECT OF MIXTURE INHOMOGENEITY AND TURBULENCE ON THE FLAME FRONT CURVATURE AND FLAME SURFACE DENSITY OF TURBULENT PLANAR FLAMES OF NATURAL GAS	MODELLING PYROLYSIS KINETICS OF EXTRACTED BIOMASS COMPONENTS WITH THE BIO-CPD MODEL	DEVELOPING A VALIDATED SIMULATION METHODOLOGY FOR A SOOT-FORMING TURBULENT SWIRL STABILIZED FLAME IN A SPRAY COMBUSTOR	OXIDATION OF POLYCYCLIC AROMATIC HYDROCARBONS: EVIDENCE OF SIMILARITIES IN THERMOCHEMICAL PROPERTIES AND REACTION PATHS	SEISMIC CONDITION EFFECT ON FIRE STRUCTURE AND BEHAVIOR	
H.M. Al-Bulqini, M.M.A. Ahmed, A.M. Elbaz, M.F. Zayed, W.L. Roberts, Minal Juddoo, A.R. Masri, M.S. Mansour	S. Pielsticker and R. Kneer	D. İmamoğlu, Ö. Ertuğ, Altuğ Başol, M. Pınar Mengüç	N. Sebbar, H. Bockhorn and D. Trimis	Tzu-Yan Tseng and Kuang-Chung Tsai	
MCS12-076-TC	MCS12-056-HC	MCS12-097-EG	MCS12-027-RK	MCS12-154-FE	
TOWARDS UNDERSTANDING THE IMPROVEMENT IN STABILITY FOR FUELS WITH INHOMOGENEOUS INLETS	PYROLYSIS OF COMPLEX-SHAPED SINGLE WOOD CHIPS – 3D DEM SIMULATION AND A COMPARISON WITH EXPERIMENTS	DIRECT NUMERICAL SIMULATION OF SPRAYSYN BURNER: IMPACT OF LIQUID SOLVENT	THE OXIDATION OF METHANE DOPED WITH H <sub>2</sub> S ADDITION	LI-ION BATTERIES – HAZARDS, MODELING, MEASUREMENTS, AND MITIGATION	
A.R.W. Macfarlane, M.J. Dunn, and A.R. Masri	B. Jaeger, E. Illana, S. Wirtz, V. Scherer and J. Behling	A. Abdelsamie, H. Wiggers, F.E. Kruijs, and D. The'venin	S. Arunthanayothin, O. Herbinet and F. Battin-Leclerc	James Quintiere	

12:00	<b>MCS12-151-TC</b>	<b>MCS12-065-HC</b>	<b>MCS12-018-EG</b>	<b>MCS12-152-RK</b>	
	CHARACTERISTICS OF AMMONIA/HYDROGEN/NITROGEN NON-PREMIXED BLUFF BODY STABILIZED FLAMES <i>Adamu Alfazazi, Ayman Elbaz, Jiajun Li, Bassam Dally</i>	INFLUENCE OF PYROLYSIS BACKGROUND GAS ON THE GASIFICATION CHARACTERISTICS OF SUGAR BEET PULP BIOCHAR <i>Alican Akgül, Süleyman Şener Akin, and Feyza Kazanç</i>	EXPERIMENTAL STUDY OF EVAPORATION CHARACTERISTICS OF SUSPENDED METHANOL AND ETHANOL DROPLET <i>Hesham Elkady, Rami Zewail, Shinsuke Mori, Shinichi Ookawara, and Ahmed E. Elwardany</i>	THE COMBUSTION CHEMISTRY OF AMMONIA AND AMMONIA/HYDROGEN: A COMPREHENSIVE MODELING STUDY <i>Yuxiang Zhu, Henry Curran and Chong-Wen Zhou</i>	
12:20	<b>MCS12-121-TC</b>		<b>MCS12-051-EG</b>	<b>MCS12-153-RK</b>	
	NUMERICAL ANALYSIS OF THE NITROGEN DILUTED HYDROGEN LIFTED FLAME EMANATING FROM CIRCULAR, SQUARE AND RECTANGULAR NOZZLES <i>J. Stempka and A. Tyliszczak</i>		EULER-LAGRANGE NUMERICAL SIMULATION OF A KEROSENE DROPLET MIST IGNITION IN AIR USING ANALYTICALLY REDUCED CHEMISTRY <i>A. Pestre, T. Lesaffre, Q. Caze'eres, E. Ribet and B. Cuenot</i>	DEVELOPMENT OF COMPREHENSIVE KINETIC MODELS OF AMMONIA/METHANOL IGNITION USING REACTION MECHANISM GENERATOR (RMG) <i>S. Nadiri, B. Shu, C. F. Goldsmith, R. Fernandes</i>	
12:40	<b>Lunch break</b>				
15:00	<b>PLENARY SESSION 6</b> Hall - 1 <b>Combustion Stability: Effect of the Mixing Field Structure</b> <i>Mohy S. Mansour, Cairo University, Egypt</i> Chair:				
15:50	<b>Coffee break</b>				
16:20	<b>PARALLEL SESSIONS</b>				
	<b>TURBULENT COMBUSTION</b> Hall - 1 Chair:	<b>HETEROGENEOUS COMBUSTION AND PYROLYSIS</b> Hall - 2 Chair:	<b>ENGINE, GAS TURBINE &amp; SPRAY COMBUSTION</b> Hall - 3 Chair:	<b>REACTION KINETICS</b> Hall - 4 Chair:	<b>CO2 CAPTURE PROCESSES AND NEW COMBUSTION CONCEPTS</b> Hall - 5 Chair:
16:20	<b>MCS12-133-TC</b>	<b>MCS12-074-HC</b>	<b>MCS12-104-EG</b>	<b>MCS12-058-RK</b>	<b>MCS12-060-CC</b>
	CHARACTERISTICS OF TURBULENT PREMIXED AMMONIA FLAME AT DIFFERENT COMBUSTION REGIMES <i>R. Khamedov, W. Song, F.E. Hernandez P´erez and H.G.Im</i>	XYLAN FAST PYROLYSIS: AN EXPERIMENTAL AND MODELLING STUDY OF PARTICLE CHANGES AND VOLATILES RELEASE <i>F. Cerciello, E. Freisewinkel, A. Coppola, C. Ontyd, M. Schiemann, P. Salatino, C. Allouis, V. Scherer, and O. Senneca</i>	EXPERIMENTAL AND NUMERICAL INVESTIGATION OF METHANE COMBUSTION IN A HCCI ENGINE UNDER ENRICHED OXYGEN CONDITIONS <i>S. Spano, M. Savaresi, A. Parente, F. Contino, and H. Jeanmart</i>	NORMAL BUTANE OXIDATION: MEASUREMENTS OF AUTOXIDATION PRODUCTS IN A JET-STIRRED REACTOR <i>Z. Dbouk, N. Belhadj, M. Lailliau, R. Benoit, G. Dayma, P. Dagaut</i>	ANALYSIS OF THE IMPACT OF RDF COMBUSTION ON CEMENT CLINKER QUALITY IN A SUPERSTOICHIOMETRIC OXY-FUEL ATMOSPHERE BY CFD SIMULATIONS <i>R. Streier, I. Veckenstedt, T. Deck, K. Lampe and V. Scherer</i>
16:40	<b>MCS12-136-TC</b>	<b>MCS12-105-HC</b>	<b>MCS12-038-EG</b>	<b>MCS12-086-RK</b>	<b>MCS12-098-CC</b>
	THE MIXING FIELD AND FLAME STRUCTURE NEAR THE REACTION ZONE OF TURBULENT PLANAR FLAMES AT DIFFERENT LEVELS OF MIXTURE INHOMOGENEITY <i>Alaa M. Khedr, Ayman M. Elbaz, Mahmoud M.A. Ahmed, Mohamed F. Zayed, Mohamed S. Senosy, Hatem Kayed, Stephan Kruse, Yihua Ren, Heinz Pitsch, Mohy S. Mansour</i>	CFD SIMULATION OF BIOMASS COMBUSTION IN AN INDUSTRIAL CIRCULATING FLUIDIZED BED FURNACE <i>Miao Yang, Shenghui Zhong, Shijie Xu, Leilei Xu, Peter Ottosson, Hesameddin Fatehi, and Xue-Song Bai</i>	BAYESIAN MODEL CALIBRATION USING HIGH-FIDELITY SIMULATIONS OF A MACH 8 SCRAMJET ISOLATOR AND COMBUSTOR <i>Michael Ullman and Venkat Raman</i>	EXPERIMENTAL INVESTIGATION OF NO IMPACT ON IGNITION DELAYS FOR LEAN H2/AIR MIXTURE UNDER ICES CONDITIONS <i>N. Villenave, G. Dayma, B. Moreau and F. Foucher</i>	PILOT TESTING OF THE INDIRECTLY HEATED CARBONATE LOOPING PROCESS FOR CO2 CAPTURE FROM LIME INDUSTRY <i>C. Hofmann, M. Greco-Coppi, J. Ströhle and B. Epfle</i>
17:00	<b>MCS12-138-TC</b>	<b>MCS12-102-HC</b>	<b>MCS12-066-EG</b>	<b>MCS12-094-RK</b>	<b>MCS12-016-CC</b>
	EXPERIMENTAL STUDY OF CAVITATION EFFECT INSIDE A NOZZLE ON A NEXGEN BURNER FLAME <i>L. Lamoot, B. Manescau, K. Chetehouana, N. Gascoin</i>	TRANSMISSION ELECTRON MICROSCOPIC ANALYSIS OF COPPER OXIDE NANOPARTICLES IN THE JET A-1 DEPOSITS CONTAINING SOLID AND HOLLOW CARBON SPHERES <i>Pooja Sharma</i>	A THERMOACOUSTIC INSTABILITY PRECURSOR BASED ON THE ACOUSTIC FLUX AT THE COMBUSTION CHAMBER INLET <i>T. Morinier, A. Cayre, L. Selle, T. Poinso, and T. Schuller</i>	IDENTIFICATION OF AUTO-IGNITION REGIMES FROM A NORMALISED RESIDENCE TIME TRANSPORT EQUATION IN HETEROGENEOUS MIXTURE <i>Zakaria Bazhar, Zakaria Bouali, Vincent Robin</i>	ON THE BEHAVIOUR OF LIMESTONE SORBENTS IN DUAL INTERCONNECTED FLUIDISED BEDS FOR SORPTION- ENHANCED GASIFICATION APPLICATION <i>Antonio Coppola, Fabio Montagnaro and Fabrizio Scala</i>
17:20	End of the day				
18:30	Gala Dinner				

**THURSDAY, January 26, 2022**

PLENARY SESSION 7					
Hall - 1					
Metal Combustion for Chemical Looping CO2 Capture					
Ahmed Ghoniem, Massachusetts Institute of Technology, USA					
Chair:					
Coffee break					
PARALLEL SESSIONS					
	<b>TURBULENT COMBUSTION</b> Hall - 1 Chair:	<b>HETEROGENEOUS COMBUSTION AND PYROLYSIS</b> Hall - 2 Chair:	<b>STATIONARY COMBUSTION SYSTEMS and ENVIRONMENTAL IMPACT</b> Hall - 3 Chair:	<b>REACTION KINETICS</b> Hall - 4 Chair:	<b>CO2 CAPTURE PROCESSES AND NEW COMBUSTION CONCEPTS</b> Hall - 5 Chair:
08:30					
10:40					
09:20	<b>MCS12-035-TC</b>	<b>MCS12-057-HC</b>	<b>MCS12-047-SC</b>	<b>MCS12-063-RK</b>	<b>MCS12-040-CC</b>
09:20	MIXING AND FLAME STRUCTURE STUDY OF INVERSE SWIRL DIFFUSION FLAMES	EXPERIMENTAL STUDY OF THE EFFECTS OF STEAM INJECTION ON LOWER HEATING VALUE AND TAR CONTENT IN TWO-STAGE DOWNDRAFT WOOD GASIFICATION	PARAMETER ESTIMATION USING A GPR-BASED ROM AND SPARSE SENSING: APPLICATION TO A METHANE/AIR LIFTED JET FLAME	EFFECT OF BIPHENYL, ACETYLENE AND CARBON DIOXIDE ON BENZENE PYROLYSIS AT INTERMEDIATE TEMPERATURES	ON THE APPLICABILITY OF DAMKÖHLER'S HYPOTHESES IN HOMOGENEOUS MIXTURE MODERATE OR INTENSE LOW-OXYGEN DILUTION (MILD) COMBUSTION
	A.M. Elbaz, M.M.A. Ahmed, Alfaisal M. Albalawi, and W.L. Roberts	A. Rouanet and H. Jeanmart	A. Procacci, L. Donato, R. Amaduzzi, C. Galletti, A. Coussement, A. Parente	Mohammed Alabbad, Ribhu Gautam, Baqer Aljaman, Palani Arudra, Ahmad AlAhmadi, and S. Mani Sarathy	H.S. Awad, K. Abo Amsha, U. Ahmed, N. Chakraborty
09:40	<b>MCS12-061-TC</b>	<b>MCS12-130-HC</b>	<b>MCS12-114-SC</b>	<b>MCS12-031-RK</b>	<b>MCS12-041-CC</b>
09:40	EFFECTS OF SWIRL AND ENCLOSURE ON FORCED PREMIXED COMBUSTION DYNAMICS	THERMAL AND CATALYTIC PYROLYSIS OF REAL PLASTIC SOLID WASTE AS A SUSTAINABLE STRATEGY FOR CIRCULAR ECONOMY	IMPACT OF OXYGEN ENRICHMENT AND CO2-H2O DILUTION ON STABILITY AND POLLUTANT EMISSIONS OF NON-PREMIXED SWIRLING TURBULENT FLAMES	EXPERIMENTAL AND MODELING STUDY OF THE OXIDATION OF FENCHONE, A HIGH-ENERGY DENSITY FUEL-ADDITIVE	FLAME SELF-INTERACTIONS IN MILD COMBUSTION OF HOMOGENEOUS AND INHOMOGENEOUS MIXTURES
	D. P. Kallifronas, J. C. Massey, Z. X. Chen, R. Balachandran and N. Swaminathan	M. Urciuolo, R. Migliaccio, R. Chirone, P. Bareschino, E. Mancusi, F. Pepe, and G. Ruoppolo	T. Boushaki, H. Zaidouli, S. Chakchak, A. Ghabi, A.F. Ghoniem	L. Boualem, Z. Serinyel, A. Nicolle, M. Lailiau, P. Dagaut and G. Dayma	H.S. Awad, K. Abo Amsha, U. Ahmed, N. Chakraborty
10:00	<b>MCS12-046-TC</b>	<b>MCS12-048-HC</b>	<b>MCS12-124-SC</b>	<b>MCS12-113-RK</b>	<b>MCS12-067-CC</b>
10:00	EXPERIMENTAL AND NUMERICAL INVESTIGATION OF DYNAMIC AND SCALAR BEHAVIOR OF TURBULENT SWIRLED FLAME	COMBUSTION OF CONDENSED COMBUSTION PRODUCTS OF BORON-CONTAINING SOLID PROPELLANTS IN AIR	ON THE STABILITY AND CHARACTERISTICS OF BIOGAS/METHANE/AIR FLAMES FIRED BY A DOUBLE SWIRL BURNER	AN ENHANCED SAMPLE-PARTITIONING ADAPTIVE REDUCED CHEMISTRY METHOD WITH A-PRIORI ERROR ESTIMATION	MODELING OUTER ASH DEPOSITION RATES IN SECOND GENERATION ATMOSPHERIC PRESSURE OXY-FUEL COMBUSTION SYSTEMS
	S. Chakchak, A. Hidouri, A. Ghabi, M. Chrigui, T. Boushaki, M. Sassi	S.A. Rashkovskiy	A. Abdunaim, A. Elkholy, M. Elmously, H. Moneib, and A.M. Elbaz	P. Pagani, R. Malpica Galassi, R. Amaduzzi, P. Parente, and F. Contino	Gautham Krishnamoorthy and Nghia Duc Tin Nguyen
10:20	<b>MCS12-141-TC</b>	<b>MCS12-012-HC</b>		<b>MCS12-013-RK</b>	
10:20	EFFECTS OF HYDROGEN ENRICHMENT ON THE DYNAMICS OF SWIRL-STABILISED FLAMES	A REACTIVE MOLECULAR DYNAMICS INVESTIGATION OF NANOPARTICLE INTERACTIONS IN HYDROCARBON COMBUSTION		ARTIFICIAL NEURAL NETWORKS BASED IGNITION DELAY TIME PREDICTION FOR NATURAL GAS BLENDS	
	A. D. Kumar, J. C. Massey, I. Boxx, and N. Swaminathan	M. Sayed Ahmad, E. Kritikos, and A. Giusti		Shashank S. Nagaraja and S. Mani Sarathy	
10:40	Coffee break				
11:20	PARALLEL SESSIONS				
	<b>TURBULENT COMBUSTION</b> Hall - 1 Chair:	<b>HETEROGENEOUS COMBUSTION AND PYROLYSIS</b> Hall - 2 Chair:	<b>ENERGY STORAGE AND ALTERNATIVE RENEWABLE FUELS</b> Hall - 3 Chair:	<b>POLLUTANT FORMATION AND CONTROL</b> Hall - 4 Chair:	<b>CO2 CAPTURE PROCESSES AND NEW COMBUSTION CONCEPTS</b> Hall - 5 Chair:
11:20	<b>MCS12-080-TC</b>	<b>MCS12-059-HC</b>	<b>MCS12-129-ES</b>	<b>MCS12-021-PF</b>	<b>MCS12-020-CC</b>
11:20	INVESTIGATION OF SOOT FORMATION OF ETHYLENE/AIR JET DIFFUSION FLAME WITH RANK CORRELATED SLW INCLUDING ETHYLENE AND ACETYLENE RADIATION	STABILITY CHARACTERISTICS OF A FLAME SPRAY PYROLYSIS BURNER	MODELING APPROACHES FOR AMMONIA MILD COMBUSTION IN A SYSTEM WITH INTERNAL RECIRCULATION	SOOT AND TEMPERATURE MEASUREMENTS IN NONPREMIXED AND PARTIALLY-PREMIXED ETHANE/ETHANOL FLAMES	A MOLECULAR DYNAMICS STUDY OF METHANOL OXIDATION IN SUPERCRITICAL CO2 AND H2O
	Berkay Halvaşi, Altuğ M. Başol, M. Pinar Mengüç, Özgür Ertunç	Callum Kennedy, Matthew J. Dunn and Assaad R. Masri	L. Giuntini, L. Frascino, G.B. Ariemma, R. Ragucci, C. Galletti, G. Sorrentino	Marek Serwin and Ahmet E. Karataş	M. Monge-Palacios, E. Grajales-González, and S. Mani Sarathy
11:40	<b>MCS12-084-TC</b>	<b>MCS12-144-HC</b>	<b>MCS12-117-ES</b>	<b>MCS12-030-PF</b>	<b>MCS12-024-CC</b>
11:40	A COMPUTATIONAL STUDY ON EFFECTS OF INJECTOR PITCH ANGLE ON FLAME STABILIZATION IN OPPOSED JETS IN CROSSFLOW	NANO-CONFINED MANGANESE OXIDE ON SBA-15 FOR ETHYLENE CATALYTIC OXIDATION	A COMPREHENSIVE STUDY ON THE COMBUSTION CHEMISTRY OF TWO BIO-HYBRID FUELS: 1,3-DIOXANE AND 1,3-DIOXOLANE	MODELING SOOT FORMATION IN NORMAL AND INVERSE DIFFUSION FLAMES USING FGM CHEMISTRY AND SECTIONAL METHOD	SIMULATION OF A SORPTION-ENHANCED METHANATION PROCESS WITH CaO IN A DUAL INTERCONNECTED FLUIDIZED BED SYSTEM
	Vansh Sharma, Yihao Tang and Venkat Raman	Mohamad Abou-Daheer, Hassnain Abbas Khan, Aamir Farooq	M. Hellmuth, B. Chen, C. Bariki, L. Cai, F. Cameron, A. Wildenberg, C. Huang, S. Faller, Y. Ren, J. Beeckmann, K. Leonhard, K. A. Heufer, N. Hansen, and H. Pitsch	Abhijit Kalbhor and Jeroen van Oijen	A. Coppola, F. Massa, F. Scala

12:00	<b>MCS12-118-TC</b>	<b>MCS12-145-HC</b>	<b>MCS12-146-ES</b>	<b>MCS12-052-PF</b>	<b>MCS12-077-CC</b>
	ANALYSIS OF DILUTION EQUATION USING DNS DATA OF MILD COMBUSTION <i>X. Deng, H. S. A. M. Awad, Z. Li, K. Abo-Amsha, J.C. Massey, N. Chakraborty, N. Swaminathan</i>	IMPORTANCE OF PROCESS VARIABLES AND THEIR OPTIMIZATION FOR OXIDATIVE COUPLING OF METHANE (OCM) <i>Sultan Alturkistani, Haoyi Wang, Ribhu Gautam, S. Mani Sarathy</i>	NUMERICAL INVESTIGATION OF A BIOGAS FUELLED MICRO GAS TURBINE COMBUSTOR <i>Manish Singh, Sudipto Mukhopadhyay</i>	NOX EMISSIONS TRENDS IN HYDROGEN LEAN PREMIXED FLAMELETS AT HIGH STRAIN RATE <i>A. Porcarelli, B. Kruljevic and I. Langella</i>	COMBINATION EFFECT OF IN-SITU COMBUSTION AND EXHAUST GASES RECIRCULATION ON 1D COMBUSTION TUBE: NUMERICAL APPROACH <i>Mohamed Hamdy, A. Abd El-Sabor Mohamed, Henry Curran</i>
12:20	<b>MCS12-072-TC</b>		<b>MCS12-093-ES</b>	<b>MCS12-091-PF</b>	
	STUDY OF PULVERIZED COAL COMBUSTION PHENOMENA IN OBLIQUE PREMIXED METHANE-AIR FLAMES <i>Chia-Wei Chang, Yueh-Heng Li, Yu-Ting Wu, and Shou Yin Yang</i>		HIGH PRESSURE AMMONIA OXIDATION <i>P. Garcia-Ruiz, M. Uruén, M. Abián and M.U. Alzueta</i>	NOX EMISSIONS CHARACTERISTICS IN ROTATING DETONATION ENGINES <i>C. Van Beck and V. Raman</i>	
12:40	<b>Lunch break</b>				
15:00	<b>PLENARY SESSION 8</b> Hall - 1 <b>Hydrogen Peroxide Fuel Oxidation: Fundamentals and Applications</b> <i>Bassam Dally, King Abdullah University of Science and Technology, SA</i> Chair:				
15:50	<b>Coffee break</b>				
16:20	<b>PARALLEL SESSIONS</b>				
	<b>TURBULENT COMBUSTION</b> Hall - 1 Chair:		<b>ENERGY STORAGE AND ALTERNATIVE RENEWABLE FUELS</b> Hall - 3 Chair:	<b>POLLUTANT FORMATION AND CONTROL</b> Hall - 4 Chair:	<b>CO2 CAPTURE PROCESSES AND NEW COMBUSTION CONCEPTS</b> Hall - 5 Chair:
16:20	<b>MCS12-112-TC</b>		<b>MCS12-119-ES</b>	<b>MCS12-078-PF</b>	<b>MCS12-042-CC</b>
	SUPERVISED CLUSTERING FOR OPTIMAL SUB-MODELLING IN REACTOR-BASED MODELS <i>A. Pe'quin, S. Iavarone, R. Malpica Galassi, A. Parente</i>		THERMAL STRUCTURE OF AN ALUMINUM-METHANE-AIR HYBRID FLAME <i>Samuel Jeanjean, Justin Bertsch, Guillaume Legros, Christian Chauveau, Fabien Halter</i>	MODELING OF NO REDUCTION ON CeO2 SUPPORTED PT AND PD NANOCCLUSERS <i>Zuo Li, Mohamed N. Marei, Assaad R. Masri, and Alejandro Montoya</i>	A REACTIVE MOLECULAR DYNAMICS STUDY OF THE EFFECT OF ELECTROSTATIC FIELDS ON HYDROGEN COMBUSTION <i>Muhammad Mueed Khan, Efstratios Kritikos, Andrea Giusti</i>
16:40	<b>MCS12-115-TC</b>		<b>MCS12-132-ES</b>	<b>MCS12-054-PF</b>	<b>MCS12-083-CC</b>
	THE EFFECT OF SUB-GRID SCALE STRAINING IN THE LAMINAR FLAMELET REGIME <i>A. B. Murugavel, K. Ganga, J. C. Massey, Y. Tanaka, and N. Swaminathan</i>		EVALUATION AND APPLICATION OF THE MULTIPHASE PSEUDOPOTENTIAL LATTICE-BOLTZMANN METHOD FOR FUELS <i>Juan Restrepo-Cano, Francisco E. Hernandez Perez, Hong G. Im</i>	FLAME CHEMISTRY: TOWARDS A BETTER CHARACTERIZATION OF GASES UPSTREAM HYDROCARBON FLAMES <i>B. Truchot, C. Murillo Rueda, J.P. Bertrand</i>	EFFECTS OF PULSED PLASMA DISCHARGES ON A NON-PREMIXED SWIRLING BIOGAS/AIR FLAME <i>A. Ghabi, T. Boushaki, P. Escot Bocanegra, E. Robert</i>
17:00	<b>MCS12-099-TC</b>		<b>MCS12-006-ES</b>	<b>MCS12-131-PF</b>	
	ANALYSIS OF ENTROPY GENERATION IN SANDIA FLAME F USING A HYBRID FILTERED EULERIAN STOCHASTIC FIELD COUPLED WITH DETAILED CHEMISTRY TABULATION <i>S. Agrebi, and A. Sadiki</i>		ANALYSIS OF THE EFFICIENCY OF COAL-WATER FUELS USING MULTIPLE-CRITERIA DECISION-MAKING <i>V. Dorokhov, G. Kuznetsov, K. Vershinina and P. Strizhak</i>	ELECTROPHORETIC DEPOSITION OF FLAME FORMED CARBON NANOPARTICLES: MODELLING AND EXPERIMENTAL FINDINGS <i>A. Parisi, G. De Falco, M. Sirignano, P. Minutolo, M. Commodo, C. Carotenuto, F. Di Natale</i>	
17:20	End of the day				
18:30	Farwell Cocktail				