5	2016 Registration at the Musée Lorrain - 64, Grande Rue - 54000 Nancy		
18h00-20h00	Welcome cocktail at the Musée Lorrain		
Monday 9 May			
8h00-08h45	Registration at the Faculté de Pharmacie - 18 rue Lionnois - 54000 Nancy		
	Welcome by the Université de Lorraine's representatives and by Anthony Dufour, chairman of PYRO2016		
	Title of the communication Biomass / Catalysis	Presenter	Affiliation
	KEYNOTE: BIOMASS PYROLYSIS VAPOR AS AN INTERMEDIATE TO FUELS AND CHEMICALS	Nimlos Mark	1 - National Renewable Energy Laboratory (United States)
145-10h00	INTEGRATED CATALYTIC PYROLYSIS: TOWARDS RENEWABLE BUILDING BLOCKS FOR THE CHEMICAL INDUSTRY	Heeres Hero Jan	1 - University of Groningen (Netherlands)
	PRODUCTION OF RENEWABLE AROMATIC COMPOUNDS BY CATALYTIC FAST PYROLYSIS OF LIGNOCELLULOSIC BIOMASS WITH CE-ZSM-5 AND V-ZSM-5 CATALYSTS	Banks Scott	1 - Bioenergy Research Group (United Kingdom)
0h15-10h30	MICROPYROLYSIS COUPLED TO GC/MS AS A SET-UP TO INVESTIGATE FAST PYROLYSIS BEHAVIOR OF BIOMASS CONSTITUENTS AND THE EFFECT OF INTRINSIC CATALYSTS	Vercruysse Jop	1 - Ghent University (Belgium)
0h30-11h30	Coffee breaks, exhibition and posters		
	Instrumentation		
	DEVELOPMENT OF TANDEM MICRO-REACTOR GC/MS SYSTEM WITH PRESSURE CONTROL MODULE SUITABLE FOR MEDIUM PRESSURE CATALYTIC REACTIONS	Soll Michael	1 - Frontier Laboratories Europe (Germany)
	INVESTIGATION OF EPOXY RESINS WITH DIFFERENT ANALYTICAL PYROLYSIS SYSTEMS	Schwarzinger Clemens	 Institute for Chemical Technology of Organic Materials, Johan Kepler University (Austria)
2h00-12h15	CHARACTERIZATION OF CRUDE OILS AND ASPHALTENES BY PYROLYSIS GC/MS AND THERMAL ANALYSIS COUPLED TO PHOTO IONIZATION MASS SPECTROMETRY	Streibel Thorsten	1 - Helmholtz Zentrum München (Germany)
2h15-12h30	PYROLYSIS STUDY OF PINE WOOD USING THERMOGRAVIMETRY /SYNCHROTRON VUV PHOTOIONIZATION MASS SPECTROMETRY	Zhou Zhongyue	1 - Shanghai Jiao Tong University [Shanghai] (China)
	KINETIC OF POLYSTYRENE PYROLYSIS IN MICROWAVE TGA	Chaouki Jamal	1 - Polytechnique Montréal (Canada)
2h45-13h00	MODELING PHYSICAL PHENOMENA DURING FAST PYROLYSIS OF BIOMASS IN A HEATED FOIL REACTOR	Anastasakis Konstantinos	1 - TU Delft (Netherlands)
3h00-14h30	Lunch, exhibition and posters		
	Fossil Fuels	Islan Daniel	4. Cantro de Divisivo de Marianov (France)
	AUTHENTICATION AND QUALITY CONTROL OF COAL FOR COKE MAKING IN STEEL	Isler Daniel	1 - Centre de Pyrolyse de Marienau (France)
	PRODUCTION BY MEANS OF PYROLYSIS ? GAS CHROMATOGRAPHY/MASS SPECTROMETRY	Klingberg Andreas	1 - Lablicate UG (Germany)
	KEYNOTE: KEYS TO COMMERCIALLY SUCCESSFUL COAL PYROLYSIS FOR PRODUCTION OF COAL TAR	Xu Guangwen	1 - State Key Laboratory of Multi-phase Complex System, Institu of Process Engineering, Chinese Academy of Sciences (China)
	PYROLYSIS-DERIVED GAS STREAMS AS ALTERNATIVE FUELS FOR THE FUTURE ENERGY SECTOR	Moliere Michel	1 - Laboratoire d'Études et de Recherches sur les Matériaux, les Procédés et les Surfaces (France)
pecial session	Soiree to Honour Prof. Michael J. Antal Jr. at the Fine Arts Museum - Place Stanislas - 54000 Nancy		
7h00-18h00	visit of the Fine Arts Museum		
8h00-18h30	KEYNOTE: ANALYTICAL PYROLYSIS AS A TOOL FOR THE CHARACTERISATION OF ORGANIC MA	Bonaduce Ilaria	1 - Dipartimento di Chimica e Chimica Industriale Università di F (Italy)
8h30-18h40	Introduction : In remembrance of Prof. Michael J. ANTAL	Lédé Jacques	1 - Laboratoire Reactions et Génie des Procédés (Nancy-France)
	TOWARDS A REALISTIC KINETICS IN THE NON-ISOTHERMAL STUDIES. 30 YEARS OF A USHUNGARIAN COOPERATION IN BIOMASS RESEARCH	Varhegyi Gabor	1 - Institute of Materials and Environmental Chemistry (Hungar
9h00-19h20	TOWARDS THE MAXIMUM THEORETICAL YIELDS OF CHARCOAL FROM BIOMASS PYROLYSIS	Grønli Morten / Wang Liang	1 - SINTEF Energy Research (Norway)
9h20-21h00	Cocktail at the Fine Arts Museum		
uesday 10 Ma	ay 2016		
ession 4	Biomass / Kinetics		1 - Department of Chemistry, Materials and Chemical Engineeri
	KEYNOTE: KINETIC MODELING OF PYROLYSIS REACTIONS: FROM LIGHT GAS TO SOLIDS	Faravelli Tiziano	(Italy)
h00-9h15	EXPERIMENTAL AND KINETIC STUDY ON PYROLYSIS OF WOODY AND NON-WOODY BIOMASSES	Giudicianni Paola	1 - Instituto Superior Tecnico [Lisboa] (Portugal)
h15-9h30	RECENT ADVANCES IN REACTION MECHANISMS AND MULTI-SCALE MODELLING OF BIOMASS PYROLYSIS $\ $	Anca-Couce Andrés	(Austria)
9h15-9h30 9h30-9h45	RECENT ADVANCES IN REACTION MECHANISMS AND MULTI-SCALE MODELLING OF BIOMASS PYROLYSIS EVOLUTION OF CELLULOSE WITH DIFFERENT CRYSTALLIZATION MORPHOLOGY DURING PYROLYSIS BASED ON IN-SITU DIFFUSE REFLECTANCE FT-IR	Leng Erwei	(Austria) 1 - State Key Laboratory of Coal Combustion (China)
h15-9h30 h30-9h45 h45-10h00	RECENT ADVANCES IN REACTION MECHANISMS AND MULTI-SCALE MODELLING OF BIOMASS PYROLYSIS EVOLUTION OF CELLULOSE WITH DIFFERENT CRYSTALLIZATION MORPHOLOGY DURING PYROLYSIS BASED ON IN-SITU DIFFUSE REFLECTANCE FT-IR THE KINETICS OF CELLULOSE GLYCOSIDIC BOND CLEAVAGE	Leng Erwei Dauenhauer Paul	(Austria) 1 - State Key Laboratory of Coal Combustion (China) 1 - University of Minnesota - Twin Cities (United States)
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Thursday 12 May 2016

Session 11	Biomass / Reactors		
8h30-8h45	PYROLYSIS OF WOOD IN A LARGE-SCALE MECHANICALLY FLUIDIZED REACTOR	Briens Cedric, Villemont Clément	1 - University of Western Ontario (Canada)
8h45-9h00	THERMO-CHEMICAL MODEL OF A SCREW PYROLYSIS REACTOR	Tomasi Morgano Marco	1 - Karlsruhe Institute of Technology (Germany)
9h00-9h15	CATALYTIC UPGRADING OF PINE WOOD PYROLYSIS VAPORS IN A DOWNER REACTOR: PRELIMINARY RESULTS WITH ZEOLITE	Castello Daniele	1 - Sustainable Process Technology, Faculty of Science and Technology, University of Twente (Netherlands)
9h15-9h30	PYRENA: PYROLYSIS EQUIPMENT FOR NEW APPROACHES IN CIRCULATING FLUIDISED BED CATALYTIC PYROLYSIS FOR BETTER BIO-OIL AS A PRECURSOR FOR FUELS AND CHEMICALS	De Wild Paul	1 - Energy research Centre of the Netherlands (Netherlands)
9h30-9h45	DESIGN OF A GAS-SOLID VORTEX REACTOR DEMONSTRATION UNIT FOR THE FAST PYROLYSIS OF LIGNOCELLULOSIC BIOMASS	Gonzalez Quiroga Arturo	1 - Laboratory for Chemical Technology, Ghent University (Belgium
9h45-10h00	Thermo-catalytic reforming process (TCR*): scale up from pilot plant to demoscale	Conti Roberto	1 - Fraunhofer UMSICHT (Germany)
10h00-10h15	A FLEXIBLE THREE-STAGE THERMOCHEMICAL CONVERSION PROCESS - TSTC PROCESS	Tumiatti Vander	1 - Sea Marconi Technologies (Italy)
10h15-11h15	Coffee breaks, exhibition and posters		
Session 12	Hydrocarbons / Kinetics		
11h15-11h45	MONTE-CARLO MODELLING OF THERMAL CRACKING OF RESIDUE FRACTIONS	Verstraete Jan	1 - IFPEN (France)
11h45-12h00	AN HOMOGENEOUS AND HETERGENEOUS DETAILED KINETIC MODEL OF ALKANE PYROLYSIS FOR SIMULATION OF C/C BRAKE DISKS DENSIFICATION BY CVI PROCESS	Descamps Cédric	1 - Laboratoire Réactions et Génie des Procédés (France)
12h00-12h15	EXPERIMENTAL STUDY OF HYDROCARBON PYROLYSIS IN A REGENERATIVE COOLING SYSTEM OF A COMBUSTOR	Taddeo Lucio	1 - Institut National des Sciences Appliquées de Bourges (France)
12h15-12h30	STEAM CRACKING OF BIOMASS-DERIVED C30- NORMAL AND BRANCHED ALKANES: AN EXPERIMENTAL AND FUNDAMENTAL KINETIC MODELING STUDY	De Bruycker Ruben	1 - Laboratory for Chemical Technology, Ghent University (Belgium
	PYROLYSIS OF DIMETHYL CARBONATE: PAH FORMATION HYDROCARBON AVIATION FUEL PYROLYSIS UNDER DIFFERENT PRESSURES	Viteri Fausto Liu Guozhu	1 - Tecnológica Equinoccial University (Ecuador) 1 - Tianjin University (China)
13h00-15h00	Lunch, exhibition and posters sessions		
	Specialists workshops (optional)		
C	Province (Characteristics)		
Session 13 15h00-15h15	Biomass / Slow pyrolysis CONTAMINANT ISSUES IN PRODUCTION OF BIOCHAR	Ondřej Mašek	1 - University of Edinburgh (United Kingdom)
15h15-15h30	STUDY ON THE EFFECTS OF USING A CARBON DIOXIDE ATMOSPHERE ON THE PROPERTIES OF VINE SHOOTS-DERIVED BIOCHAR	Azuara Manuel	Institute of Nanoscience of Aragón (INA), University of Zaragoza Spain (Spain)
15h30-15h45	TORREFACTION OF VARIOUS WOODY AND AGRICULTURAL BIOMASSES AND OF THEIR EXTRACTED CELLULOSE, HEMICELLULOSE AND LIGNIN THROUGH TGA-GCMS	González Martínez María	1 - CEA Grenoble (France)
15h45-16h00	COKE/CHAR AND OTHER PRODUCTS FORMATION BEHAVIORS IN PYROLYSIS OF TEN SOFTWOOD/HARDWOOD SPECIES	Mohammed Yussuf Mohd Asmadi	1 - Kyoto University (Japan)
16h00-16h15	EFFECT OF TORREFACTION ON PROPERTIES AND PYROLYSIS BEHAVIORS OF WOOD AND BARK	Barta-Rajnai Eszter	1 - SINTEF Energy Research (Norway)
16h15-16h30	FAST TORREFACTION VERSUS CLASSIC TORREFACTION: COMPARISON OF THE PRODUCTS ON A PILOT SCALE CONTINUOUS REACTOR	Commandre Jean-Michel	1 - CIRAD (France)
16h30-17h00	Coffee breaks, exhibition and posters		
Session 14	Biomass / Catalysis		
17h00-17h15	INVESTIGATION ON METAL MODIFIED ZEOLITES: CATALYST SCREENING FOR PYROLYSIS OF PINE WOOD AND SUNFLOWER STALK	Duman Gozde	1 - Ege University (Turkey)

Session 14	Biomass / Catalysis		
17h00-17h15	INVESTIGATION ON METAL MODIFIED ZEOLITES: CATALYST SCREENING FOR PYROLYSIS OF PINE WOOD AND SUNFLOWER STALK	Duman Gozde	1 - Ege University (Turkey)
17h15-17h30	ACHIEVEMENTS AND CHALLENGES IN CATALYTIC FAST PYROLYSIS OF WOODY BIOMASS	Yildiz Güray	1 - Department of Biosystems Engineering, Ghent University (Belgium)
17h30-17h45	UNDERSTANDING THE EFFECTS OF CATALYST PROPERTIES ON BIOMASS PYROLYSIS OVER ZSM-5 TYPE ZEOLITES: COMPARISON OF MICRO AND PROCESS DEVELOPMENT SCALES	Mullen Charles	1 - ARS-USDA Eastern Regional Research Center (United States)
17h45-18h00	FAST PYROLYSIS OF BIOMASS AND IN-LINE STEAM REFORMING PROCESS FOR HYDROGEN PRODUCTION	Arregi Aitor	1 - University of the Basque Country (Spain)
18h00-18h15	THE MECHANISM OF CATALYTIC FAST PYROLYSIS	Custodis Victoria	1 - Institute for Chemical and Bioengineering, ETH Zurich (Switzerland)
18h15	Farewell talk, by Anthony Dufour, chairman of PYRO2016		

Gala Dinner - City Hall of Nancy - entrance Place Stanislas - 54000 Nancy 20h00 Gala Dinner at the City Hall of Nancy

Friday 13 May 2016

Visits of the laboratories and tours of pilot plants