

TUESDAY SEPTEMBER 29th

	LEVEL 1					LEVEL 2						LEVEL 3					
	APOLLON AUDIT.	MEDITERRANEE 1	MEDITERRANEE 2	MEDITERRANEE 3	MEDITERRANEE 4	HERMES AUDIT.	GALLIENI 1-2	GALLIENI 4	GALLIENI 5	GALLIENI 7	ATHENA AUDIT.	CLIO	THALIE	ERATO	URANIE	CALLIOPE	EUTHERPE
TOPICS		Solids proc. & bulk mat. hand. (HANHAZ)	Solids proc. & bulk mat. hand. (HANHAZ)	Product design & eng. (Symp.)	Energy	EPIC5	EPIC5	Electrochem. eng. (WS)	Mixing & multiphase flow	Tech. inno. for water man. (Workshop)	Chemical reac. eng.	ECAB3	ECAB3	Tech. inno. for water man. (Workshop)	Computer-aided eng.	Proc. safety & loss prev. (WS)	Food eng. (Symp.)
8:00 AM	EXHIBITION OPENING																
8:30 AM		27 Fluidization (HANHAZ Symposium)	28 Hazards (HANHAZ Symposium)	29 Product design & Engineering (Symposium)	30 Non-equilibrium thermodynamics in industrial applications	3 Modular/processes On-line analysis	4 Process Intensification using alternative energy forms	31 Electrochemical engineering (Workshop)	32 Turbulence	33 Oxidation	34 CO2 capture and conversion, chemical looping - 1	8 Marine biotechnology, algae and photobiotechnology	9 Biocatalysis and biotransformation	35 Recovery	36 Process Optimization	37 Process safety & loss prevention (Workshop)	38 Food Engineering (Symposium)
9:30 AM		39 Fundamentals of Crystallization (HANHAZ Symposium)	40 Hazards (HANHAZ Symposium)	41 Product design & Engineering (Symposium)	42 Fluids for energy conversion	5 Mixing (pulsed flows)	6 Process Intensification using alternative energy forms	43 Electrochemical engineering (Workshop)	44 Transition from Turbulence to Laminar Flow	45 Oxidation	46 CO2 capture and conversion, chemical looping - 1	10 Marine biotechnology, algae and photobiotechnology	11 Biocatalysis and biotransformation	47 Recovery	48 Process Optimization	49 Process safety & loss prevention (Workshop)	50 Food Engineering (Symposium)
10:30 AM	POSTER TIME & BREAK																
11:30 AM		51 Fundamentals of Crystallization (ctd.) / Mixing and Fluid Dynamics (HANHAZ Symposium)	52 Biomass (HANHAZ Symposium)	53 Product design & Engineering (Symposium)	54 Thermodynamic Analysis Methods for Process Energy Systems Engineering	7 Scale-up & Plant Implementation	8 Process Intensification using alternative energy forms	55 Electrochemical engineering (Workshop)	56 Complex Fluids and Liquid-Liquid Dispersions	57 Modelling	58 Dynamic modeling and thermal stability of reactors / Environmental reaction engineering	12 Biopharmaceuticals	13 Bioproducts (or bio-based products)	59 Adsorption Membrane	60 Optimal Design	61 Process safety & loss prevention (Workshop)	62 Food Engineering (Symposium)
1:00 PM	LUNCH																
2:30 PM		63 Particulate solids/solids processing-Bulk materials handling and processing (HANHAZ Symposium)	64 Dustiness (HANHAZ Symposium)	65 Product design & Engineering (Symposium)		9 Energy activation - 1	10 Mixing	66 Electrochemical engineering (Workshop)	67 Liquid-Liquid Dispersions	68 Modelling	69 Modeling of complex chemical systems - 1	14 Biopharmaceuticals	15 Bioreactor engineering	70 Adsorption Membrane	71 Batch Systems - Design of Experiments	72 Process safety & loss prevention (Workshop)	73 Food Engineering (Symposium)
3:30 PM	POSTER TIME & BREAK																
4:30 PM	Plenary Lecture Gerhard Wagner																
5:30 PM	Student Event Student Quiz																
6:30 PM	HAPPY HOUR																
7:30 PM																	

WEDNESDAY SEPTEMBER 30th

	LEVEL 1					LEVEL 2						LEVEL 3							
	APOLLON AUDIT.	MEDITERRANEE 1	MEDITERRANEE 2	MEDITERRANEE 3	MEDITERRANEE 4	HERMES AUDIT.	GALLIENI 1-2	GALLIENI 4	GALLIENI 5	GALLIENI 7	ATHENA AUDIT.	AGORA 3	CLIO	THALIE	ERATO	URANIE	CALLOPE	EUTHERPE	
TOPICS		Membrane eng.	Energy: conserv. & man.	Sus. man. of nat. Resources (Symp.)	Energy: conserv. & man.	EPIC5	Fluid sep. proc. & tech.	High P. & high T. proc. tech.	Mixing & multiphase flow	New and unconv. Resources	Chemical reac. eng.		ECAB3	ECAB3	ECAB3	Computer-aided eng.	Chemical reac. eng.		
7:45 AM												Student Event Meet your idol							
8:00 AM	EXHIBITION OPENING												EXHIBITION OPENING						
8:30 AM	Plenary Lecture François Kalaydjian																		
9:30 AM		74 Innovative applications of membranes in water treatment	75 Integration of renewable energy	76 Sustainable management of natural resources (Symposium)	77 Storage	11 Pl & environment/ Membrane	78 Fluid separations processes and technologies I	79 Reaction in supercritical media	80 Micro-mixing and Reactive Systems	81 BioEnergy and Biofuels. Waste to Renewable	82 Experimental methods - 1	Student Event Jobs Forum	16 Bioreactor engineering	17 Bioproducts (or bio-based products)	18 Biosensors & Nanotechnology	83 Process Modelling and Simulation	84 Hydrogen production and utilization - 1		
10:30 AM	POSTER TIME & BREAK												POSTER TIME & BREAK						
11:30 AM		85 Development of Membrane materials	86 Efficiency in industrial processes	87 Sustainable management of natural resources (Symposium)	88 Efficiency in industrial processes	12 Multifunctionality	89 Fluid separations processes and technologies II	90 High pressure - Miscellaneous 1	91 Novel Equipment and Gas-Liquid Systems	92 Energy carriers and renewable Carbon	93 Experimental methods - 2 / Kinetics modeling using calculated molecular descriptors		19 Bioreactor engineering	20 Downstream Processes	21 Biofineries	94 Process Modelling and Simulation	95 Hydrogen production and utilization - 2		
12:30 PM	LUNCH																		
2:00 PM		96 Development of Organic Membrane materials	97 Biorefinery	98 Sustainable management of natural resources (Symposium)	99 CO2	13 Multifunctionality (reactive distillation)	100 Fluid separations processes and technologies III	101 High pressure - Miscellaneous 2	102 Solid-Liquid Systems	103 BioEnergy and Biofuels. Unconventional resources	104 Modeling and design of chemical reactors - 1		22 Bioproducts (or bio-based products)	23 Biofineries	24 Downstream processing	105 Process Modelling and Simulation	106 Modeling of complex chemical systems - 2 / ATL (gas to liquids, coal to liquids, biomass to liquids)	CEFCIC WS Innovation across Regions: Shipping Solutions for Resource Efficiency in Europe	
3:30 PM	POSTER TIME & BREAK																		
4:30 PM		107 Development of Inorganic Membrane materials	108 Efficiency in industrial processes	108a VEOLIA round table on circular economy: «Circular economy: a business for the future?»	109 Integration and Optimization	14 Rotary devices	110 Fluid separations processes and technologies IV	111 Separations (DWC)	112 Gas-Liquid Systems		113 Modeling and design of reactors - 2		25 Bioreactor Engineering	26 Bipharmaceuticals		114 Process Modelling and Simulation	115 Multiscale and multiphysics	CEFCIC WS Innovation across Regions: Shipping Solutions for Resource Efficiency in Europe	
5:30 PM																			
7:00 PM	FRENCH RIVIERA PARTY (on registration only)																		

THURSDAY OCTOBER 1st

TOPICS	LEVEL 1			LEVEL 2						LEVEL 3				
	APOLLON AUDIT.	MEDITERRANEE 1	MEDITERRANEE 2	MEDITERRANEE 3	HERMES AUDIT.	GALLIENI 1-2	GALLIENI 4	GALLIENI 5	GALLIENI 7	ATHENA AUDIT.	CLIO	THALIE	URANIE	EUTHERPE
		Membrane eng.	Energy: conserv. & man.	Sus. man. of nat. Resources (Symp.) Innovation	EPIC5	Fluid sep. proc. & tech.	High P. & high T. proc. tech.	Mixing & multiphase flow	Education (WS)	Chemical reac. eng.	ECAB3	ECAB3	Ind. systems	Waste sludges treat. & disp.
8:30 AM	EXHIBITION OPENING													
9:00 AM	Plenary Lecture Philippe Charreau													
10:00 AM		116 Membrane science and engineering	117 Cleaner for fossil	118 Sustainable management of natural resources (Symposium)	15 Batch to Continuous - 3	119 Fluid separations processes and technologies V	120 Materials	121 Gas-Liquid and Gas-Liquid-Solid Systems	122 Improving the teaching process (Workshop)	123 Reaction mechanism and kinetics - 1	27 Downstream processing	28 System biotechnology & metabolic engineering	124 Industrial systems	125 Advanced sludge treatment and characterization
11:00 AM	POSTER TIME & BREAK													
12:00 PM		126 Modelling membranes performances and membranes processes	127 Integration and Optimization	128 Sustainable management of natural resources (Symposium)	16 Miniaturized technologies	129 Fluid separations processes and technologies VI	130 Pharmaceutical and nutraceutical applications	131 Three Phase and Gas-Solid Systems	132 New teaching methods (Workshop)	133 Reaction mechanism and kinetics - 2	29 Downstream processing	30 System biotechnology & metabolic engineering	134 Industrial systems	135 Sludge thermal drying and energy valorization
1:00 PM	LUNCH													
2:00 PM		136 Potential inputs of membranes for Biosystems	137 CO2	138 Innovation processes and methods	17 Sustainability & Safety	139 Fluid separations processes and technologies VII	140 Supercritical extraction and fractionation		141 Chemical engineering education fit for the future (Workshop)	142 Reaction mechanism and kinetics - 3	31 Downstream processing	32 PAT , Modeling & Control		143 Industrial and urban wastewater depollution
3:30 PM		144 Electrodialysis, membranes and processes	145 Working Fluids	146 Cognitive Process and Learning	3:45 PM 18 Energy activation - 2 (Photochemicals)	147 Fluid separations processes and technologies VIII			148 Learning and understanding (Workshop)		33 Downstream processing	34 PAT , Modeling & Control		149 Treatment of gaseous streams
4:30 PM	CLOSING COCKTAIL													