

Plenary lecture (PL): 45 min including 5min Q/A	Keynote presentation (KN): 25 min including 5min Q/A	Oral Presentaion (OP): 20min including 5min Q/A	Keynote presentation & round table (KN-RT): 30 min including 10 min Q/A
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Monday, July 5, 2021

02:00pm-05:00 pm	Local Organising Committee - (Only for YRD committee, Giron Conference Center- 50 route de la Pesse, 01130 Giron)
02:00pm-07:00 pm	Registration- Giron Conference Center- 50 route de la Pesse, 01130 Giron
06:00pm-09:30pm	Welcoming reception : Hall of Le Relais Nordique (Giron)

Tuesday, July 6, 2021

08:00am-10:00 am	Registration
10:00am-10:45 am	Opening Ceremony
10:45am-11:10am	Break Coffee
11:10am-11:55am	Plenary Lecture 1: Stability of thin liquid films (Jan Vermant, ETH Zurich, Switzerland)
11:55am-12:15 pm	Coffee Break

Room		Room 1 (Maxwell)	
Chair	Guy Della-Valle		
12:15pm-12:55pm	OP 1: 12:15-12:35 Impact of bulk rheology of Kappa-Carraghenane on the oil/water interface, <u>Jaber Ahmad</u> , Benyahia Lazhar, Marchal Philippe, Roques-Carmes Thibault, Hamieh Tayssir. University of Lorraine, France France		OP 2 (remothly):12: 35-12:55 Non-linear rheology characteristics of the gel point: large amplitude oscillatory shear behavior of chemically and physically crosslinked hydrogels. <u>Kogan David</u> , Gottlieb Moshe. Ben-Gurion University of the Negev, Beer-Sheva - Israel
12:55pm-02:00pm		Lunch Break	

Exhibitors visits and discussions

Chair	Rudy Valette		
2:00pm-2:45pm	Plenary Lecture 2: Rheology as a crtical Enabler of polymer processing: Extensional-driven mixing in extrusion and Multi-Layered Tubes, Pipes and Bottles Joao Maia (CWRU, Cleveland, USA)		
02:45pm-03:25pm		OP 3: 2:45-3:05 Structure-rheology-properties relationships of biocomposites suspensions based on poly(lactic acid) and bioactive glass fillers <u>Xavier Lacambra</u> , Nora Dergham, Jean-Marc Chenal, Abderrahim Maazouz, Khalid Lamnawar	OP 4 (remothly): 3:05-3:25 Miscibility, rheological and thermo-mechanical properties of compatible biopolymer blends: influence of process parameters and natural surfactants. <u>D'anna Alessandra</u> , Arrigo Rossella, Frache Alberto. Politecnico di Torino, Italy

03:25pm-03:40pm	Coffee Break		
Room		Room 2 (Kelvin-Voigt)	
03:40pm-04:10pm		KN-RT Rheology and sustainable development Della-Valle Guy, INRA, Nantes - France	
4:10pm-5:10pm	Poster Session		
5:10pm-7:30pm	Social program 1 & diner (8:30 pm)		

Wednesday, July 7, 2021

Room		Room 1	
Chair	Denis Roux		
08:00am-08:45am	Plenary Lecture 3: Morphological transitions of flexible fibers in viscous flows Lindner Anke (ESPCI, Paris – France)		
08:45am-09:25am	OP 5: 8:45-9:05 Detection of damage localization in Polymer Networks by Space-resolved Multi-speckle Diffusing Wave Spectroscopy (MSDWS) <u>Ju Jianzhu</u> , Narita Tetsuharu, Creton Costantino, Espci, France		OP 6: 9:05-9:25 Multi-Micro/Nanolayer Films Based on Polyolefins: New Approaches from Eco-Design to Recycling <u>Masghouni Emna</u> , Cabrera Geraldine, Touil Ibtissam, Maazouz Abderrahim, Lamnawar Khalid. INSA Lyon, France
	OP 7 (remothly): 9:25-9:45 Injectability of thermosensitive chitosan hydrogels in terms of capillary rheometry <u>Ryl Anna</u> , Lodz University of Technology, Lodz - Poland		OP 8: 9:45-10:05 Studies on Rheology of Wood Polymer Composites Kamila Buziak Warsaw University of Technology, Poland
09:25am-10:05am			
10:05am-10:30am	Coffee Break		

Exhibitors visits

Room		Room 1 (Maxwell)	
Chair	Thibaux Divoux		
10:30am-11:10am	OP 9: 10:30-10:50 Rheology and Process Modeling for Polymeric Materials with Yield Stress and Wall Slipping. <u>Lewandowski Adrian</u> . Warsaw University of Technology. Warszawa - Poland		OP 10: 10:50-11:10 New Poloxamer 407 / PEG self-healing suspended hydrogel for 3D printing fluid materials <u>Colly Arthur</u> , Courtial Edwin-Joffrey, Marquette Christophe, University of Lyon 1- France
	11:10am-11:50am	OP 11: 11:10-11:30 How to predict cell viability in Bioprinting <u>Lemarié Lucas</u> , Courtial Edwin-Joffrey, Petiot Emma, University of Lyon 1- France	OP 12: 11:30-11:50 The role of solvent on the rheology and the supramolecular self-assembly of N-alkyldiamide organogels <u>Khacef Leila</u> , Ovarlez Guillaume, Medina-Gonzalez Yaocihuatl, Solvay - France
11:50am-12:30pm		OP 13: 11:50-12:10 From microstructure to rheology of soft dense suspensions <u>Cuny Nicolas</u> , Mari Romain, Bertin Eric, Grenoble University, France	OP 14: 12:10-12:30 Percolation theory applied to Pickering Emulsions: Rheological behavior from dilute to concentrated domain Velandia Rodriguez Santiago Felipe, Sadtler Véronique, Marchal Philippe, University of Lorraine, France
	12:30pm-02:00pm	Lunch Break	

Exhibitors visits

Room		Room 1 (Maxwell)	
Chair	Joao Maia		
02:00pm-02:40pm		OP 15: 2:00-2:20 3D real-time and in situ characterisation of the forming of ice-templated nanocellulose-based foams using ultrafast X-ray synchrotron microtomography <u>Martoia Florian</u> , Lakroune Yassine, Orgeas Laurent, Boller Elodie, Abdul Ghafour Tarek, Dumont Pierre J., INSA Lyon, France	OP 16 (remothly): 2:20-2/40 Influence of ultrasonication process parameters on the rheological behavior of cellulose nanocrystal dispersions <u>Girard Mélanie</u> , Bertrand François, Tavares Jason R., Heuzey Marie-Claude - Canada
		OP 17: 2:40-3:00 Relation between inter-particle force profiles, particle friction, and rheology in dense suspensions: an experimental proof using AFM. <u>Nguyen-Le Anh-Vu</u> , Colin Annie, Espci - France	OP 18 (remothly): 3:00-3:20 Constraining The Origin Of Fore-Aft Asymmetrical Shape Of Bubbles Rising In Viscoplastic Fluids <u>Zare Marjan</u> , Pourzahedi Ali, Frigaard Ian, University of British Columbia, Vancouver – Canada
		OP 19: 3:20-3:40 The influence of starch microparticles concentration on nonlinear rheological properties of Pickering emulsions, <u>Kijowska Karolina</u> , Ptaszek Anna, Ptaszek Pawel, Kruk Joanna, Nowak Marcelina University of Agriculture in Krakow - Poland	OP 20: 3:40-4:00 Transfer ratio for viscoelastic solutions. <u>Pingulkar Hrishikesh</u> , Peixinho Jorge, Crumeyrolle Olivier. Le Havre University - France
03:20pm -04:00pm			
04:00pm-04:15pm			
Coffee Break			
Room	Room 2 (Kelvin-Voigt)		Room 2 (Kelvin-Voigt)
04:15pm-05:10pm			KN-RT: 4:40-5:10 Investigation of the rheological properties of methylcellulose in pharmaceutical products Christina Reichart, <u>David Duval</u> Anton Paar
5:10pm-8:20pm	Visits & social program 2		
08:20pm-11:00pm			
Banquet Party (Lac Nantua, Restaurant Belle Rive)			

Thursday , July 8, 2021

Room		Room 1 (Maxwell)	
Chair		Philippe Marchal	
08:00am-08:45am		Plenary Lecture 4: Rheophysics of soft matter, Denis Roux (Laboratoire Rhéologie et Procédés, Grenoble University, France)	
08:45am-09:25am		<div><div>OP 55: 8:45-9:05</div><div>Spreading of Fluids with Blade Coating, Model And Experiment Marion Krapez , Jean-Baptiste Boitte , Christophe Kusina , Danielle Le Verge , Odile Aubrun, Hamid Kellay , Jean-Fran,cois Joanny , Annie Colin MIE , ESPCI-Paris</div></div>	<div><div>OP 22 (remothly): 9:05-9:25</div><div>ATR-FTIR, a potential tool to evaluate apple puree rheology and structure Lan Weijie, Leca Alexandre, Jaillais Benoit, Renard Catherine, Bureau Sylvie, Inrae, France</div></div>
		<div><div>OP 23: 9:25-9:45</div><div>Percolation theory applied to Pickering Emulsions: Rheological behavior from dilute to concentrated domain - Velandia Rodriguez Santiago Felipe, Sadtler Véronique, Marchal Philippe, Lemaitre Cecile, Bonn Daniel, Roques-Carmes Thibault, University of Lorraine - France</div></div>	<div><div>OP 24: 9:45-10:05</div><div>Coalescence in complex physicochemical systems Bertrand Torres Almeida Laura Melissa, Henaut Isabelle, Dalmazzone Christine - France</div></div>
10:05am-10:45am		<div><div>OP 25: 10:05-10:25</div><div>A novel measuring setup for characterizing the interfacial rheology of molten polymer systems: effect of molecular weight and temperature on the interfacial properties , El Omari Younes, Yousfi Mohamed, Jannick Duchet-Rumeau, Maazouz Abderrahim - INSA Lyon, France</div></div>	<div><div>OP 26: 10:25-10:45</div><div>Puncture Mechanics of Ultra-soft Hydrogels at Elasto-cappillary Length Scale, Wei Yuanyuan, Creton Costantino, Narita Tetsuharu, Espci - France</div></div>
10:45am-11:10am		Coffee Break	

Room		Room 1 (Maxwell)	
Chair	Rudy Valette		
11:10am-11:50am		OP 27: 11:10-11:30 Analysis and Modelling of Extrusion Foaming Behaviour of Low-Density Polyethylene using Isobutane and CO2 – <u>Sandino Carlos</u> , Boyer Severine, Peuvrel-Disdier Edith, Laure Patrice, Hibert Geoffrey, Trolez Yves, Mines Paristech, Sophia Antipolis - France	
11:50am-12:30am		OP 29: 11:50-12:10 Rheology of hyper-concentrated nanocellulose gels during lubricated compression. Gupta Shubham, Martoia Florian, Orgeas Laurent, Dumont Pierre J., Grenoble University - France	
12:30pm-02:00pm			
Lunch Break			
Exhibitors visits			
Room		Room 1 (Maxwell)	
Chair	Denis Roux		
02:00pm-02:40pm		OP 31 : 2:00-2:20 Structure, shear and elongation rheology of Multi-Micro-Nanolayers polymers based on polyethylene with varying macromolecular architectures <u>Touil Ibtissam</u> , Maazouz Abderrahim, Lamnawar Khalid. INSA Lyon, France	
02:40pm -03:20pm		OP 33: 2:40-3:00 Rheological and morphological investigation of Poly (Lactic Acid)/Polyamide 11 biosourced multiphase systems from blends to multi-Micro-Nanolayers polymers. <u>Jaouadi Nour</u> , Maazouz Abderrahim, Lamnawar Khalid. INSA Lyon, France	
03:20pm -04:10pm		OP 35 (remothly): 3:20-3:40 The Influence of Stearic Acid on Rheological Characteristics of Highly Loaded Polypropylene-based Compounds. <u>Patti Antonella</u> , Acierno Domenico, Lecocq Hubert, Serghei Anatoli, Cassagnau Philippe University of Catania - Italy	
04:10pm-04:30pm			
Coffee Break			
04:30pm-07:00pm			
Free time for social activities			
07:00pm-11:00pm			
Bus+Shuttle: Visit Lac Genin (30 min) & Wine & cheese at INSA Lyon @oyonnax + diner (08:00pm-11:00pm)			

Friday , July 9, 2021

Room		Room 1 (Maxwell)	
Chair	Joao Maia		
08:00am-08:45am	Plenary Lecture 5 : A few examples of viscoplastic flow instabilities: experiments, theory and numerical simulations (Rudy Valette, CEMEF, MINES-ParisTech, Sophia-Antipolis, France)		
08:45am-09:10am	<div><div></div><div>KN Rheological Hysteresis in Soft Glassy Materials Divoux Thibaut, Laboratoire de Physique, ENS Lyon - France</div></div>		
09:10am-09:50am	<div><div><div>OP 36: 9:10-9:30 Rheological characterization of injectable hydrogel based on bioceramic microspheres/ Pluronic (F127+F68)/Water system for bone repair. <u>Carrelo Henrique</u>, Soares Stephanie, Lopes Maria, Borges João Paulo, Cidade Maria Teresa. Universidade NOVA de Lisboa - Portugal</div><div>OP 37: 9:30-9:50 Advantages of systemic rheology to measure the rheological behaviour of an evolving system: How to deal with the kinetic instability of a Pickering emulsion ? <u>Ramos Diego</u>, Sadtler Véronique, Marchal Philippe, Lemaitre Cecile, Roques-Carmes Thibault - France</div></div></div>		
9:50am-10:25am	Coffee Break		
10:25am-11:25am	<div><div><div>OP 38: 10:25-10:45 Recycling opaque and colored PET bottles into fibers by spunbond process. <u>Odet Felix</u>, Cassagnau Philippe, Ylla Noellie, Brinkert Luc. University of Lyon 1 - France</div><div>OP 39: 10:45-11:05 Rheological Behavior Of Nanofluids: Influence Of Silica Nanoparticles In Xanthan Gum Solutions. <u>Buitrago Rincon Dayan Lizeth</u>, Sadtler Veronique, Mercado Ojeda Ronald A., Marchal Philippe, Roques-Carmes Thibault, Pedraza Avella Julio A., Lemaitre Cecile. University of Lorraine - France</div><div>OP 40: 11:05-11:25 Rheology Of Non-Brownian Dense Suspensions: An Optimised Implementation Of The Fictitious Domain Method In Openfoam <u>Orsi Michel</u>, Lobry Laurent, Gallier Stany, Peters François. University of Côte d'Azur, Nice - France</div></div></div>		
Room		Room 2 (Kelvin Voigt)	
11:25pm-11:55am	<div><div></div><div>KN-RT: 11:25-11:55 Rotational and capillary rheometers complementarity. <u>Fraisse Frederic</u>., NETZSCH GmbH, Dardilly - France</div></div>		
11:55am-02:00pm	Lunch Break & picnic		

Exhibitors visits

Room		Room 1 (Maxwell)	
Chair	Philippe Marchal		
02:00pm-02:40pm		<div>OP 41 (remothly): 2:00-2:20 Rheological behavior of concentrated phosphate slurry. Maazioui Souhail, Maazouz Abderrahim, Benkhaldoun Fayssal, Ouazar Driss Mohammed VI Polytechnic University. Benguerir -Marocco</div>	<div>OP-42: 2:20-2:40 Rheology, dynamics and morphological investigations of PLA, PHBV and their blends: A suitable tools to probe miscibility and thermal stability. Qiao Hu, Maazouz Abderrahim, Lamnawar Khalid. INSA Lyon, France</div>
02:40pm -03:20pm		<div>OP 43: 2:40-3:00 Relaxation Mechanisms at long times of Crosslinked EPDM: Influence of the Chemistry and Nanofillers. Le Hel Cindy, Bounor-Legare Véronique, Cassagnau Philippe, Chevalier Christophe, Lucas Antoine. University of Lyon 1 - France</div>	<div>OP 44 (remothly): 3:00-3:20 Extensional rheological behaviour of polyolefin based nanocomposites exhibiting yield stress.. Velu Nanjunda, Majesté Jean-Charles. University of Jean-Monnet, Saint-Étienne - France</div>
03:20pm -04:00pm		<div>OP 45 (remothly): 3:20-3:40 Preliminary Rheological Study of Highly Loaded Composites by Magneto-Caloric Powder for Additive Manufacturing Applications N'dri Dakmak, Institut FEMTO-ST, Besançon</div>	<div>OP 46: 3:40-04:00 Investigating asphalt modified with polyurethane: morphology and rheology relationships Raissa, Méchin Françoise, Gerard Jean-François, Dalmas Florent. INSA Lyon - France</div>
04:00pm -04:20pm		<div>OP 21 : 4:00-4:20 Spreading and impregnation of drops of emulsions with banana leaves for phytosanitary applications Alayan Abdallah, Ligoure Christian, Bantignies Jean-Louis, Normand Alain Charles Coulomb, Montpellier</div>	
04:20pm-04:30pm		Closing Ceremony (Room 1-Maxwell)	

Registration		Online oral presentations	
Opening /Closing			
Plenary Lectures			
Oral presentations			
KN/round tables			
Poster Session			
Social Activities			
Break			
Meeting			
Lunch			