Conférence CHIMIOMÉTRIE 2019 — SFdS — 30 janvier 1er février — Montpellier SupAgro

					31 janvier						01 février	
8:15 - 8:45				Accueil						Accueil		
8h45 - 9:00				Le mot du comité d'organisation								
9:00 - 9:40	Key note speaker 1		Prof. Steven Brown	University of Delaware	Some Perspectives on the History and Sociology of the Chemometrics Revolution !	Key note speaker 3		Prof. Anna De Juan	University of Barcelona	The many faces of Chemometrics in the PAT world !
9:40 - 10:00	Statistique multivariée	Oral 1	RUTLEDGE Douglas	AgroParisTech	ComDim-ICA : a procedure to perform Multiblock Independent Components Analysis	Remis par L. Duponchel	Oral 13	Raffaele Vitale Prix JP HUVENNE	Université de Lille	Tuning the significance level of SIMCA models for reducing the impact of strong class overlap: a novel approach
10:00 - 10:20	Chair : P. Bastien & C. Ruckebusch	Oral 2	HANAFI Mohamed	ONIRIS-Nantes	Canonical representation of multiblock methods	Sciences pharmaceutiques et médicales	Oral 14	THIEL Michel	Université catholique de Louvain	Comparison of chemometrics methods for the spectroscopic monitoring of chemical compounds in pharmaceutical processes
10:20 - 10:40		Oral 3	ROGER Jean-Michel	IRSTEA	SO-COVSEL: A new method for variable selection in multiblock data	Chair : S. Roussel & C. Cordella	Oral 15	COIC Laurine	University of Liege	Authentication of falsified medicine tablets by handheld Raman spectroscopy class modeling
10:40 - 11:20				Pause						Pause		
11:20 - 11:40	Traitement et analyse de l' image	Oral 4	DUPONCHEL Ludovic	Université de Lille	Randomised SIMPLISMA. What was old, is new again	Chimie, biologie, biochimie et sciences du vivant	Oral 16	RYCKEWAERT Maxime	LIMAGRAIN	Predicting maize yield of new varieties from known varieties with temporal-spectral data using multibloc-analysis
11:40 - 12:00	Chair : M. El Rakwe & J. M. Roger	Oral 5	RUCKEBUSCH Cyril	Université de Lille	The why and how of image processing constraints in MCR-ALS of hyperspectral imaging data		Oral 17	MALLET Alexandre	BioEntech	Study of rehydration of different organic substrates by means of near-infrared spectroscopy and signal de-mixing techniques
12:00 - 12:20	Chair : J.M. Roger	Présentation Sponsors	Sylvie ROUSSEL, Christian CHARLES, Shane McARDLE, Barry WISE, Ilias YAKDANE	Ondalys, Dynacentrix, CAMO, EVRI, Polytec		Chair : D. Rutledge & B. Jaillais	Oral 18	AWHANGBO Lorraine	IRSTEA	Analyse multi-bloc pour le suivi de la méthanisation
12:20 - 13:00				Apéro - poster		Challenge		DARDENNE Pierre		Résultats des participations au challenge
13:00 - 14:20				Repas						Repas		
14:20 - 15:00	Key note speaker 2		Dr. Sébastien Gourvénec	TOTAL	From Chemometrics towards data driven approaches	Key note speaker 4		Prof. Royston Goodacre	University of Liverpool	Metabolomics by numbers: lessons from large-scale phenotyping !
15:00 - 15:20	Traitement et analyse de l' image	Oral 6	LABORDE Antoine	Greentropism	Subpixel detection of peanut in wheat flour using near infrared hyperspectral imaging	Métabolomique, protéomique, génomique fonctionnelle	Oral 19	BOCCARD Julien	University of Geneva	Stratified subsampling for effective removal of batch effects in metabolomics: application to endocrine disruptors screening
15:20 - 15:40	Chair : M. El Rakwe & J. M. Roger	Oral 7	HERRERO LANGREO Ana	University College of Dublin	Using spatial information to evaluate regression models for hyperspectral imaging: geostatistical indices		Oral 20	CODESIDO Santiago	University of Geneva	Network PCA – a versatile multivariate tool for exploring data structures in metabolomics
15:40 - 16:00		Oral 8	STELLA Aline	Université de Tours	Estimation of penetration profiles with unsupervised unmixing approaches in Raman spectroscopic imaging	Chair : S. Rudaz & L. Duponchel	Oral 21	PUIG-CASTELLVI Francesc	AgroParisTech	Unraveling the microbial community interactions in anaerobic digesters with Common Components Analysis
16:00 - 16:40				Pause		FIN				Remise des prix et conclusion	
16:40 - 17:00	Méthodes avancées	Oral 9	WINTERAUER Dominik	Renishaw plc	Blind linear hyperspectral unmixing with bounding hyperplanes						
17:00 - 17:20		Oral 10	BASTIEN Philippe	L'Oréal Research	Use of sparse methods in cosmetics : Application on the impact of chronic pollution on Chinese women.						
17:20 - 17:40	Chair : G. Saporta & P. Lanteri	Oral 11	CROGUENNOC Alice	Ondalys	Comparison of Machine Learning methods for spectroscopic data analysis: how to tune Support Vector Machine models for spectroscopic quantitative predictions						
17:40 - 18:00		Oral 12	LAKHAL Lyes	Uni LaSalle Beauvais	Classification of raw meat based on their sensory and mechanical features by multispectral images coupled with multi-layer feed-forward neural network trained with back-propagation algorithm						
				Pause							
19:00 - 20:00				Visite guidée du centre historique de Montpellier							
20:00 - XX	social event			Dîner de gala							