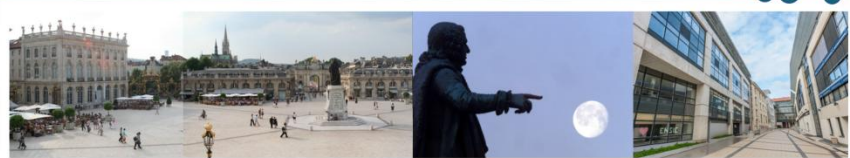




CHIMIOMÉTRIE XXV^{ÈME}






ENSIC

LIEC

SFDS

UNIVERSITÉ DE LORRAINE

CNRS

17-19 FÉVRIER 2026
CAMPUS GRANVILLE, NANCY

MERCREDI 18 FEVRIER 2026 Wednesday, Feb, 2026		
HEURES Hours	EVENEMENT Event	SALLE ROOM
08 : 15 – 08 : 45	Accueil Café Coffee & Pastries	HALLER
08 : 45 – 09 : 00	Mot du comité d'organisation & de la direction de l'ENSIC	Amphi Donzelot
09 : 00 – 09 : 40	Conférencier invité Keynote Speaker - Jose Manuel Amigo Three-dimensional projections of hyperspectral images in the shortwave range (3D-HSI-SWIR). Merging Structure for Motion and Chemometrics for a comprehensive study of volumetric elements	Amphi Donzelot
09 : 40 – 10 : 40	SESSION NO. 1: Tensor Decomposition / Multi-way Data Analysis	
09 : 40 – 10 : 00	Décomposition PARATUCK pour le démelange de spectres de fluorescence (Amir Ayadi).	Amphi Donzelot
10 : 00 – 10 : 20	Analysis of temporal metabolomics data combining ASCA and tensor decomposition (Mathieu Bonsens).	
10 : 20 – 10 : 40	Extending the concept of essential information selection to three- and multi-way data analysis (Raffaele Vitale).	
10 : 40 – 11 : 10	[Pause-café / session posters] [Coffee Breaks / Poster Session]	HALLER
11 : 10 – 11 : 50	Conférencier invité Keynote Speaker - Thomas Oberlin Combining spectral and spatial priors for inverse problems in spectral imaging.	Amphi Donzelot
11 : 50 – 12 : 20	Presentations des sponsors Sponsor Spotlights	Amphi Donzelot
12 : 20 – 14 : 00	Repas du midi Lunch	A6
14 : 00 – 16 : 00	SESSION NO. 2: Hyperspectral Imaging & Spectroscopy	
14 : 00 – 14 : 20	Automated histological segmentation of hair follicles via hierarchical PLS-DA and FTIR (Jordane Poulain).	Amphi Donzelot

14 : 20 – 14 : 40	From Vision to Emission: Bridging Optical and LIBS Worlds in Spectroscopic Imaging (Ludovic Duponchel).	Amphi Donzelot
14 : 40 – 15 : 00	RS-NMF: Regularized sparse NMF for enhanced spectral unmixing in Raman hyperspectral imaging (Marc Offroy).	
15 : 00 – 15 : 20	Image deconvolution to improve MCR solutions (Cyril Ruckebusch).	
15 : 20 – 15 : 40	Mid-level data fusion of hyperspectral images (Benoit Jaillais).	
15 : 40 – 16 : 00	Exploiting the Complexity of MALDI Data through Chemometrics (Yohann Clément).	
16 : 00 – 16 : 30	[Pause-café / session posters] [Coffee Breaks / Poster Session]	HALLER
16 : 30 – 17 : 10	Conférencier invité Keynote Speaker - Lola Perez Marin NIRS 5.0 era: from sensors evolution to intelligent spectral data processing.	Amphi Donzelot
17 : 10 – 18 : 10	SESSION NO. 3: PAT & Industrial Applications	
17 : 10 – 17 : 30	PAT Blend Uniformity and Content Uniformity Platform at Roche Basel (Joris Rokitowski).	Amphi Donzelot
17 : 30 – 17 : 50	Smartphone-Based Aspartame Analysis: Integrating Hydrophobic Barrier-Free LPAD (Nakarin Noirahaeng).	
17 : 50 – 18 : 10	Study of the behavior of reactive fluids applied to the case of thermodynamic cycles (Philippe Arnoux).	
18 : 10	Fin de la journée et informations diverses	Amphi Donzelot
19 : 30 – 23 : 00	Dîner de gala avec concert Jazz (Au LOUIS XV, Nancy)	
JEUDI 19 FEVRIER 2026 Thursday, Fed, 2026		
08 : 15 – 09 : 00	Accueil Café Coffee & Pastries	HALLER
09 : 00 – 09 : 40	Conférencier invité Keynote Speaker - Dimitrios Meimaroglou Addressing the challenges of data-driven approaches in chemical product engineering problems.	Amphi Donzelot
09 : 40 - 11 : 10	SESSION NO. 4: Metabolomics, Data Processing	
09 : 40 – 10 : 00	Does Data Conversion Matter? Assessing Its Impact in LC–MS Untargeted Metabolomics (Rémy De Boni).	Amphi Donzelot
10 : 00 – 10 : 20	Improving Model Interpretability in Metabolomics by Assessing Variable Importance Stability (Julien Boccard).	

10 : 20 – 10 : 40	Topological Data Analysis of OPTIR Infrared and Raman spectra for the study of UV-induced structural changes in bacterial spores (Dujourdy Laurence).	Amphi Donzelot
10 : 40 – 11 : 10	[Pause-café / session posters] [Coffee Breaks / Poster Session]	HALLER
11 : 10 – 11 : 50	Conférencier invité Keynote Speaker - Sylvain Le Corff Monte Carlo Guided Diffusion for Inverse Problems	Amphi Donzelot
11 : 50 – 14 : 25	SESSION NO. 5: Deep Chemometrics - Artificial Intelligence and GENAI for Spectral and Sensory Analysis	
11 : 50 – 12 : 10	Simple Uncertainty Quantification Methods in Neural Networks for Spectral Data Using ViT (Khadija Lamdibih).	Amphi Donzelot
12 : 10 – 12 : 30	PASTIS-Net: Self-Aggregation of Chemometric Pre-processing for Spectral Deep Learning (Daniele Tanzilli).	
12 : 30 – 13 : 45	Repas du midi Lunch	A6
13 : 45 – 14 : 05	Deep chemometrics for food authentication: VAE and SIMCA for DOP cheese certification (Florent Abdelghafour).	Amphi Donzelot
14 : 05 – 14 : 25	Decoding holistic aging perception using pairwise comparison of AI-generated faces (Olivia Dufour).	
14 : 25 – 15 : 25	SESSION NO. 6: Regression / ANOVA	
14 : 25 – 14 : 45	All Together Now: Generating and Using Ensembles for Regression (Barry M. Wise).	Amphi Donzelot
14 : 45 – 15 : 05	The MultANOVA framework to analyze designed high-dimensional data (Benjamin Mahieu).	
15 : 05 – 15 : 25	Analyte-informed multivariate calibration (Ramin Nikzad-Langerodi).	
15 :25 – 16 :00	Clôture du congrès et remise des prix Annonces diverses du GFC	Amphi Donzelot