

Posters Session P1

A019	Rafael Teixeira Freire	Opening new avenues for hyperspectral imaging analysis within BASF
A042	Luz García Martínez	Exploratory Data Analysis of Seismic Data using Distributed Acoustic Sensing and Principal Component Analysis
A078	Giulia Gorla	Untying the Knots: Exploring Analytical Challenges in Hyperspectral NIR Imaging of Textiles
A108	Xabier Zurutuza	Resin curing degree monitorization for Liquid Resin Infusion process using NIR Hyperspectral Imaging
A123	Ademir Aleman	Optical heterodyne microscopy for characterization and imaging of operating spin Hall nano-oscillator networks
A151	Rosario Casamassima	Safety, repeatability and deferability in crime scene documentation and material qualification in the framework of the EU H2020 RISEN Project
A077	Nagore Prieto Taboada	Salts vs Angels: Revealing the Battle
A085	Baharan Pourahmadi-Meibodi	Comparative Analysis of Spatial and Spectral Features for Addressing Challenges in Hyperspectral Imaging of Historical Documents
A086	Johan Linderholm	A pigment of your imagination – Illusive Red Ochres and NIR Imaging
A087	Ingunn Burud	Hyperspectral imaging for the inline quality control of painted wood
A096	Simon Mindermann	Mobile, ground-based VNIR-SWIR hyperspectral imaging for cultural heritage applications. Towards the study of complex architectural surfaces
A005	Mihiri Ekanayake Uda Gedaralage	Infrared spectroscopy: Alternative method for assessment of trace elements and mineral composition in soil
A026	Cihang Yang	Application of Short-wave Infrared (SWIR) Spectral Imaging for Analysis of UV-induced Polyurethane Degradation
A034	Yasmin Lima Brasil	Hyperspectral imaging and chemometrics for analyzing biodegradable plastics
A045	Miriam Medina García	Uncovering sea pollution: microplastics monitoring in marine salt using hyperspectral imaging
A062	Emilio Catelli	Rapid detection of tyre wear particles by multiblock hyperspectral imaging
A066	Francisco Senna Vieira	Prediction and mapping of degradation degree in acrylonitrile-butadiene-styrene (ABS) and high impact polystyrene (HIPS) using near-infrared hyperspectral imaging
A069	Lorenzo Marzini	Identification, mapping, and quantification of asbestos minerals in NOA and ACM using NIR hyperspectral scan imaging: preliminary study
A074	Anders Idar Risan Karlsen	Characterisation of brick quality using hyperspectral imaging
A076	Ramona Molnar	Microplastics detection in seawater using 2D Raman mapping of a filter (membrane) with residue
A079	Stefan Yordanov Platikanov	MCR-ALS image analysis of climate variables spatio-temporal dynamics in the Iberian Peninsula
A084	Ander Iriondo Azpiri	Advancing Aluminum Recycling: Unwanted insert detection in aluminum parts with Innovative hyperspectral imaging solutions

A089	Thomas Maupas	Molecular and morphological characterization of Microplastics recovered from the Urdaibai Biosphere (Basque Country, Spain) Using Imaging Raman Analysis
A092	Rosario del Pilar Castillo	Performing VIS-NIR hyperspectral imaging of pelagic fishes: evaluation of experimental critical factors for direct analysis
A105	Martín Diego Bravo Arrepol	Threshold of pathogenicity: Hyperspectral imaging and multivariate analysis in detecting <i>Fusarium circinatum</i> in seeds
A109	Muhammad Awais	Near-infrared hyperspectral imaging to reveal moisture content in wood under static loading conditions
A119	Georgiana Amariei	In-line analysis of flame retardants in polyolefins via industrial hyperspectral imaging and machine learning
A122	Ademir Aleman	High-speed tracking of mixing and coalescence dynamics in optically controlled airborne droplets
A169	Aoife Gowen	Machine learning driven methodology for enhanced nylon microplastic detection and characterization
A015	Mads Nibe Larsen	A hyperspectral thermal imager based on a low order scanning Fabry-Pérot interferometer
A032	Paolo Oliveri	INSIDE – IN-DEPTH CHEMICAL MAPPING: NIR&XRF SPECTRAL IMAGING FOR NON-INVASIVE 3D ANALYSES
A046	Elena Corbetta	Making uneven illumination EVEN: automatic Evaluation and Enhancement for multimodal microscopy
A047	Teemu Kääriäinen	Active hyperspectral pushbroom imager for conveyor belt applications
A057	Fateme Zahra Darzi	Impact of Color Transformation Methods on Image Registration
A093	Jens-Christian Pedersen	Adaptable Multipurpose Calibration of Hyperspectral Pushbroom Cameras
A101	Zelan Li	Advances in External Reflection FT-IR Mapping: Exploring the Potential of a NIR-MIR Instrumentation and Multivariate Data Handling for Painting Investigation
A055	Pegah Dehbozorgi	Laser-Induced Breakdown Spectroscopy (LIBS) analysis: Study of Classical Regression and Deep Learning Methods
A011	Enmanuel Cruz Muñoz	New automatic cosmic spikes removal algorithm for Raman images
A014	Shuxia Guo	Systematic investigation on long-term device drift for Raman spectroscopy
A056	Eneko Lopez	Alzheimer's classification via hyperspectral Raman imaging on specific zones of dried biofluids
A070	Lorenzo Castellino	Application of Raman Hyperimaging for Bio-Fluid Spots Segmentation and Characterization on Cotton Supports
A110	Danylo Komisar	Raman based crystallography on the payroll of the solar cells development
A137	Celina-Christin Schubbe	Monitoring cell line evolution via Raman spectroscopy and machine learning