			PF	OGRAMME TIMETABLE		-
Time 8:30	19 th (Sunday)	20 th (Monday) Opening Ceremony	21 st (Tuesday)	22 nd (Wednesday)	23 rd (Thursday)	24 th (Friday)
		SURFACES AND INTERFACES	REACTION INTERMEDIATES	ASTROPHYSICS AND COMPUTATIONAL	BIOSPECTROSCOPY	BIOMEDICAL APPLICATIONS
9:00		PL - 1: Mischa Bonn (D) - Novel Terahertz Molecular Spectroscopies	PL - 3: Robert J. McMahon (USA) - Rotational Spectroscopy, Molecular Structure Determination, and Radioastronomy	PL - 5: Harold Linartz (NL) - Solid State Spectroscopy in Support of Interstellar Chemistry	PL - 7: Janina Diekmann (D) - Photo-Addition of Psoralen to DNA Traced by Time Resolved Spectroscopy	PL - 8: Klaus Gerwert (D) - Label-Free Tissue Classification by QCL based IR-Imaging
10:00		KL-1: André Peremans (B) - Non Linear Optics at Interfaces: Sensitive Probing of Biomolecular Recognition by Sum Frequency Generation and the Quest of Super Resolution Infrared Microscopy of Biological Tissues	KL-4: Martin Suhm (D) - Vibrational Spectroscopy at the Service of Quantum Chemistry	KL-18: Andrzej Sobolewski (PL) - Burning Water with Sunlight: Insights from Computational Chemistry	KL -23: Marco van de Weert (DN) - The Trials and Tribulations of Becoming a Spectroscopy Specialist	KL-25: Nancy Pleshko (USA) - Non-Destructive Applications of Infrared Spectroscopy for Assessment of Tissue Pathology and Regeneration
10:30		Coffee Break	Coffee Break A- LOW TEMPERATURE - DYNAMICS // B- REACTIVE SPECIES // C- GAS PHASE -	Coffee Break A- MATERIALS // B- COMPUTATIONAL // C- BIOMEDICAL APPLICATIONS	Coffee Break	Coffee Break
11:00		KL-2: Tito Trindade (PT) - Developing the Surface Chemistry of Hybrid Nanomaterials for SERS	INTRAMOLECULAR INTERACTIONS KL-S: Nigel Young (UK) - Matrix Isolation Studies of Transition Metal and Main Group Fluorides // KL-8: Mike Ashfold (UK) - Exploring Photoinduced Molecular Ring-Opening in the Gas and Solution Phase // KL-11: Jan Lundell (FIN) - Vibrational Excitation Induced Chemistry	KL-19: Micahel Oshtrakh (RUS) - Ordinary Chondrites: What Can We Learn Using Mössbauer Spectroscopy? // KL-20 Frederic Merkt (CH) - Precision Spectroscopy in Cold Samples of Few-Electron Molecules // KL-21: Anders Engdahl (SW) - Pre-Plaque Conformational Changes in Alzheimer's Disease- Linked A β and APP	KL-24: Markus Arndt (AT) - New Avenues for Matter- Wave Assisted Spectroscopy	KL-26: Hugh Byrne (IR) - Advancing Vibrational Spectroscopy for Cellular and Subcellular Analysis: Towards in vitro High Content Spectralomic Analysis
11:20		OC1: Andrzej Kudelski (PL) - Plasmonic Nanoparticles with Many Sharp Apexes and Edges as Efficient Nanoresonators for Shell- Isolated Nanoparticle-Enhaced Raman Spectroscopy	 KL-6: Igor Reva (PT) - Calculations of Spectra and Kinetics in the Context of Matrix Isolation // KL-9: Cláudio Nunes (PT) - Spectroscopic Observation of Quantum Tunneling: Discoveries on the Potential Energy Surfaces of PhenyInitrenes // KL-12: Elangannan Arunan (IND) - Microwave Spectroscopic Investigations on Large Amplitude Motions: Intermolecular Bonding in Ar-{H₂O}₂, (H₂S)₂ and CH₃CN- CO₂ 	OC24: Irina V. Alenkina (RUS) - Characterization of the Iron Core in Ferrifol(R), a Pharmaceutical Analogue of Ferritin, Using Mössbauer Spectroscopy and Magnetization Measurement // OC29: Franco Egidi (I) - New Avenues for Computational Chiral Spectroscopy // OC34: Katarzyna Marzec (PL) - Raman, FT-IR, AFM and Complementary Techniques in Studies of the Biochemical, Mechanical and Functional Alterations in Red Blood Cells	OC45: Alberto Mezzetti (F) - Photoprotective Mechanisms in Photosynthesis Studied by Time- Resolved FTIR Difference Spectroscopy	KL-27: Herbert Michael Heise (D) - Infrared Spectroscopy for Clinical Chemistry and Medical Diagnostics - Techniques and Chemometrics for a Successful Marriage of Two Fields
11:40		OC2: Veronika Sutrová (CZ) - Ag Nanosponge Aggregate with Incorporated Hydrophobic Adsorbates as a Sample for Effective SER(R)S Spectral Detection	 KL-7: Nikolay Kotov (CZ) - Investigation of Phase-Behaviour of an Ionic Liquid at Sub-Zero Temperatures in the Presence of Additives // // KL-10: Anna Gudmundsdottir (USA) - Using Transient Spectroscopy to Understand Photosalient Behavior of Vinyl Azides Crystals // KL-13 José Luís Alonso (SP) - Laboratory Millimeter and Submillimeter Wave Studies of Interstallar Molecules 	OC25: Jorge Costa Pereira (PT) - Excitation- Emission Fluorescence Analysis: Resolving Relevant Underlying Contributions // OC30: Bernardo de Souza (BRA) - Predicting Excited State Synamics from Scratch - A Path Integral Approach Implemeted on ORCA // OC35: Martynas Velicka (LIT) - ATR-FTIR Apectroscopy: Towards in vivo Detection of Cancerous Tissue Areas	OC46: Valery Andrushchenko (CZ) - VCD Spectroscopy of Nucleic Acid Supramolecular Structures	KL-28: Luís Arnaut (PT) - Spectroscopic Determinants in Photodynamic Therapy
12:00		OC3: Daria Ruth Galimberti (F) - Molecular Organization at Charged Solid-Water Interfaces: vSFG χ(2)(ω) Contribution and How to Use them for Revealing Interfacial Structures	OC13: Joanna Hetmanczyk (PL) - Phase Transition, Structure and Reorientational Dynamics of H2O Ligands and ReO 4 ⁻ Anions in [Ba(H 2 O) 4](ReO4)2 // OC16: Julien Guthmuller (PL) - Theoretical Investigation of Herzberg- Teller Effects in Resonance Raman Spectra // OC19: Sérgio R. Domingos (D) - Sensing Chirality with Rotational Spectroscopy: From Enantiomer Differentiation to Molecular Recognition	OC26: Bence Kutus (H) - The Hydrolysis of Mg ²⁺ lons in the Presence of Gluconate // OC31: Malgorzata Biczysko (CHI) - Simulation of Fully Anharmonic Vibrational Spectra of Biomolecular Building Blocks // OC36: Czesława Paluszkiewicz (PL) - Vibrational Studies of Salivary Glands Tissues	OC47: Tatsuya Mori (J) - Detection of Fractal Dynamics of Protein by Terahertz Spectroscopy	KL-29: Henry H. Mantsch (CAN) - Spectroscopy in the 21 st Century: The Future of Molecular Spectroscopy
12:20		OC4: Paula C. Pinheiro (PT) - Magneto- Plasmonic Nanoparticles for Separation and SERS Detection of Antibiotics	OC14: Ivan Giba (RUS) - Spectral Diagnostics of Hydrogen Bonds by ³¹ P NMR Chemical Shifts // OC17: Kess Marks (SW) - Sum Frequency Generation Spectroscopy Studies of Temperature Dependent Naphtalene Dehydrogenation on Nickel (111) // OC20: Thomas E. Wall (UK) - Mid-IR Detection and Spectroscopy of Polyatomic Molecules Inside a Cryogenic Buffer Gas Cell	OC27: Seoncheol Cha (D) - Correlation of Hydrogen-Bonding and Catalytic Activity for Diol- Based Asymmetric Organocatalysts // OC32: Elena Yu. Tupikina (RUS) - 3D Outer Electronic Shell Visualization by Laplacian of a Helium Chemical Shift // OC37: Maciej Roman (PL) - Raman Spectroscopy of Urine Extracellular Vesicles in Diabetic Patients	OC48: Jakub Kaminsky (CZ) - Structure and Interactions of Saccharides Studied by Vibrational Optical Activity Methods	EUCMOS XXXV Presentation
12:40		OC5: Petr Praus (CZ) - Metal-Enhanced Fluorescence of Riboflavin Deposited on Spacer-Modified Ag Substrate: Spectral Intensity and Lifetime Study	OC15: Eva Scholtzová (SK) - Beidellite Intercalates and Their Characterization by Means of DFT Method // OC18: Lucia K. Noda (BRA) - Assignment of the Electronic Transition of Phenothiazine Radical Cation in teh Visible Region - A Resonance Raman Spectroscopy and Theoretical Calculation Investigation // OC21: György Tarc2ay (H) The Role of Matrix Isolation Spectroscopy in Conformational Studies of Small and Medium Sized Biomolecules	OC28: Svetlana S. Khokhlova (RUS) - Fluorescence Quenching of Xanthone and Xanthione Derivatives in Protic and Aprotic Solvents // OC33: Marco Mendolicchio (I) - The MSR Route to Accurate Equilibrium Molecular Structures Through the Semi-Experimental Approach // OC38: Ewelina Szafraniec (PL) - Raman Imaging Study of Lipid Droplets in Liver Sinusoidal Endothelial Cells Upon Non-Alcoholic Fatty Liver Disease Progression	OC49: Nadezhda Kudryasheva (RUS) - Coelenteramide-Containing Fluorescent Protein as a Simplest Bioassay for Monitoring Results of Chemical and Radioactive Exposures	Closing Ceremony
13:00		Lunch	Lunch	Lunch	Lunch	Lunch
		MATERIALS AND ANALYTICAL	HIGH-RESOLUTION SYMPOSIUM (A/B)	A- NEW METHODS // B- ENERGY // C- MIXTURES		
15:00		PL - 2: Wybren Jan Buma (NL) - Tailoring Photoactive Materials: Light on the Dark Side of the Force	PL - 4: Luca Evangelisti (I) - Investigation of Non- Covalent Interactions by Microwave Spectroscopy	PL - 6: Eberhard Riedle (D) - From Lasers to High Power LEDs, From Photochemistry to Photocatalysis		
16:00		OC6: Monika Plass (CH) - Thermal Degradation Behaviour of Elastomers	KL-14: Otto Dopfer (D) - Geometric and Electronic Structure of Flavins // KL-16: Michael Schmitt (D) - Excited State Dipole Moments from High Resolution Spectroscopy	KL-22: Mustafa Çulha (TR) - Surface-Enhanced Raman Scattering: A Potential Technique to Study Living Single Cells		
16:20		OC7: Sven P. K. Koehler (UK) - Characterisation, Coverage and Orientation of Functionalised Graphene Using Sum- Frequency Generation Spectroscopy	KL-15: Leonardo Alvarez-Valtierra (MX) - Towards High Resolution Phosphorescence Spectroscopy // KL-17: Elena R. Alonso (SP) - The Gas Phase Study of Artificial Sweeteners: Structure-Swetness Connection	 OC39: Omar A. El Seoud (BRA) - Perichromism: A Successful Approach for Probing Molecular Interactions in Different Media // OC41: - Ivan Němec (CZ) - Vibrational Spectroscopic Study of NLO Molecular Crystals Based on Aminopyrimidinium Salts // OC43: Johannes Kiefer (D) - Vibrational Spectroscopy of Binary Mixtures of an Ionic Liquid and Propan-1-ol 		
16:40		OC8: Terao Wakana (J) - Detection of Boson Peak and Fracton of Sodium Carboxymethyl Starch by Terahertz Time-Domain Spectroscopy	OC22: Mirko Lindic (D) - Dipole Moments of Anisole in Ground and Excited State via Condensed Phase Thermochromic Spectroscopy and Gas Phase HRLIF Spectroscopy // OC23: América Torres-Boy (MX) - Analysis of the Rotationally Resolved Electronic Spectra of 3Cl and Its Water Cluster Through Genetic Algorithms Coffee Break	OC40: Helena Nogueira (PT) - Raman Imaging in SERS Studies of Silver Loaded Textiles // OC42: Simona Rada (ROM) - The Optimization of Recycled Lead with Manganese Dioxide Contents for Applications on the Automobile Batteries // OC44: Miroslaw A. Czarnecki (PL) - Microheterogeneity in Binary Mixtures: Spectroscopic and Chemometic Studies Coffee Break	Excursion	
17:30		Coffee Break KL-3: José Gaspar Martinho (PT) - Biphotonic Materials for Imaging	CONCE DIEGN	CONCE DIEGN		
18:00 18:20 18:40	Registration	OC9: Sylvia Turrel (F) - The What, How and Where in Art and Archaeology: Use of Raman Spectroscopy for the Study of Ceramics, Glasses and Porcelains OC10: Yasmine Schulenburg (D) - Analysis of the Historical Collection of Dyes at the Hochschule Niederrhein Using Infrared Spectroscopy OC11: Dhanya Puthenmadom (B) - Fourier Transform Infrared Microscopic Investigation	Poster Session I	Poster Session II		
19:00	Welcome party	of Cysteic Acid in Virgin and Danaged Hair OC12: Lucia Bonoldi (I) - Thermal Maturity of Organic Matter from Fossil Fuel Fields by Raman Spectroscopy: Spectral Parameters and Chemometric Data Treatment				
20:00 21:00					Gala Dinner	
Legend:	PL- Plenary Lecture	KL - Keynote Lecture	OC - Oral Communication			