International Workshop: "New developments in High Resolution Molecular Spectroscopy and outreach to modern applications"

Preliminary program 2022 (last update May 24, 2022), subject to slight changes

Sunday May 29th : reception from 15h on (rooms can be taken), a meal is served in the evening

	Monday, May 30th	Tuesday, May 31st	Wednesday, June 1st	Thursday, June 2nd	Friday, June 3rd
	Breakfast: 7h45 to 8h45				
Morning session 1 9h-10h30	***Spectroscopy & Atmospheric science***	***Spectroscopy & Atmospheric science & Astrophysics***	***Spectroscopy & Astrophysics***	***Spectroscopy & Life Science***	***Spectroscopy & Photonics***
	Ulrich Platt: Current questions in atmospheric chemistry and their relation to air pollution and climate (~40 min).	**Pierre Asselin:** Infrared spectroscopy of jet-cooled molecules using QCL sources and atmospheric applications (~40 min).	**Isabelle Kleiner :** Theoretical methods to interpret interstellar surveys in the microwave and sub-mm spectral regime (~40 min).	**Isabelle Compagnon:** Platform IRoGlyph: deciphering molecular structure and carbohydrate sequence (~40 min)	**Jerome Faist :** Current advances in the development of quantum cascade laser sources and photonics (~60 min).
	Weidong Chen: Developments of photonic instrumentation for applied spectroscopy, optical sensing and metrology of atmospheric species (~40 min).	**Svetlana Berdyugina:** Current advances in stellar physics, astrobiology and exoplanetary Science (~45 min).	**Ann Carine Vandaele :** Overview and challenges in current solar system exploration missions (~40 min).	**Kevin Pagel:** Ion Mobility-Mass Spectrometry and Spectroscopy of Biomolecules (~40 min).	**Bernd Fischer:** Use of THz radiation for strategic issues (explosives, pharmaceuticals, drugs and counterfeiting) (~40 min).
	Coffee break 10h30 - 10h50				
Morning session2 10h50-12h20	**Samir Kassi :** Development and applications of high finesse optical cavities (~60 min).	**José Cernicharo :** Exploration of objects of the interstellar medium: molecules, spectroscopy and challenges (~50 min).	**Michael Rey :** Theroretical methods for describing highly excited rovibrational states and applications to planetary atmospheres (~40 min).	**Baptiste Moge :** IRMPD spectroscopy in analytical chemistry (~20 min).	**Irène Ventrillard:** Real-time laser spectroscopy of exhaled air and its use in medical applications (~30 min). **Restituion of practical work by participants**
	Flash presentations of participants (A, B1) *come to my poster !* (~30 min)	Flash presentations of participants (B2,C) *come to my poster !* (~30 min)	**Spectroscopy & Dynamics:** **Pierre Carçabal:** The GdR EMIE - Isolated and Surrounded Molecular buildings (~30 min).	**Rysvan Maleck :** Pursuing a career in the photonics industry: experience sharing (~40 min).	**Jean Decker:** THz spectroscopy of pollutant emissions in a waste recovery center (20 min).
	Lunch Break 12h30 to 14h		**Hiking Excursion**	**Lunch Break 12h30 to 14h**	
Afternoon session 1 14h-16h	**Irène Ventrillard:** Introduction to practical works (OFCEAS) (**Tutorial** ~45 min)	**Practical work :** Group A, B1: OFCEAS		**Practical work :** Group B2,C: OFCEAS	***Departure***
	Patrick Rairoux: Overview and challenges in current LIDAR missions (space born and from ground) (~60 min).				
	Coffee break 16h-16h20			**Coffee break**	
Afternoon session 2 16h20-18h30	**Vincent Boudon** Introduction to practical works (astronomical observations) (**Tutorial** ~40 min)	**Poster session**		**Practical work / tutorials**	
	Poster session & Welcome Coktail (19h)				
	Dinner 19h30			**Savoyard evening**	
Evening session 21H30-24h	**Practical work :** Group A: Astronomical observations ; Groups B1&2, C: free.	**Practical work:** Group B1&2: Astronomical observations ; Groups A,C: free.	**Practical work :** Group C: Astronomical observations ; Groups A,B1&2: free.		