

MONDAY	
12 JUNE	
13:00	Registration opens
14:00-14:10	Welcome address
Session I - Observatories and Instrumentation I - Chair: Lyman Page	
14:10-14:35	The irresistible rise of infrared space astronomy - Catherine Cesarsky
14:35-15:00	Jean-Loup Puget and Planck - Jan Tauber
15:00-15:15	The QUIJOTE MFI wide survey: A northern sky survey in intensity and polarization at 10-20GHz - Jose Rubino Martin
15:15-15:30	The NIKA2 camera: a high resolution view of the universe at continuum millimetre wavelengths - Juan Macias Perez
15:30-16:10	Coffee Break
16:10-16:35	Ground-based CMB experiments - Suzanne Staggs
16:35-17:00	Cryogenics for astrophysics instrumentation - Alain Benoit
17:00-17:25	Cosmic Microwave Background with stratospheric balloons - Paolo de Bernardis
17:25-17:40	QUBIC: the Q & U Bolometric Interferometer for Cosmology - Michel Piat
17:40-17:55	Observations of the early Universe at millimeter wavelengths: the Grenoble GIS contribution - Andrea Catalano
18:30	WELCOME COCKTAIL
TUESDAY	
13 JUNE	
Session II - Interstellar medium and dust I - Chair: Chas Beichman	
09:00-09:25	The multi-scale and multi-phase diffuse interstellar medium - Marc Antoine Miville Deschênes
09:25-09:50	Interstellar magnetic fields - Susan Clark
09:50-10:05	Multi-phase MHD turbulence: a corner stone in astrophysics - Patrick Hennebelle
10:05-10:20	3D Galactic Magnetic Field Reconstruction Using Local Measurements - Alexandros Tsouros
10:20-10:35	Magnetic fields and the dynamics of molecular clouds: from Puget 1991 to Planck and beyond - Juan Soler
10:35-11:10	Coffee Break
11:10-11:35	Interstellar PAHs: one of the best experiences of my career - Alain Léger
11:35-12:00	The PAH model: where are we? - Christine Joblin
12:00-12:15	Understanding the star formation efficiency in dense gas with resolved submillimeter observations - Philippe André
12:15-12:30	First observations of photon-dominated regions by the JWST - Emilie Habart
12:30	LUNCH

Session III - Cosmology I - Chair: François-Xavier Désert	
14:00-14:25	Tensions with the Planck Cosmology - George Efstathiou
14:25-14:50	Cosmology with the CMB: from Planck to SPT-3G - Silvia Galli
14:50-15:05	Old data new probes: revisiting FIRAS results in 2020s - Giulio Fabbian
15:05-15:20	Learning about Cosmology and Foregrounds in New Ways with Planck - Steven Gratton
15:20-16:00	Coffee Break
16:00-16:25	X-Ray and microwave cosmology: synergy and competition. What do we expect from the next generation X-ray and microwave telescopes? - Rashid Sunyaev
16:25-16:50	The SPIDER and SuperBIT balloon experiments - William Jones
16:50-17:05	Prompt cusps in the dark matter distribution and their effect on the dark matter annihilation signal - Simon White
17:05-17:20	Retrieving cosmological information from diffuse hot gas in the universe - Marion Douspis
17:20-17:35	Galaxy clusters in the mm wavelengths: combine Planck and SPT - Laura Salvati
18:00	VISIT BANYULS CELLAR L'ETOILE
WEDNESDAY	
14 JUNE	
Session V - Cosmology II - Chair: Ken Ganga	
09:00-09:25	CIB and Cosmology - Douglas Scott
09:25-09:50	Non-Gaussianity in the cosmic microwave background - Bartjan van Tent
09:50-11:05	Round Table - Cosmology: what is the dark sector of the Lambda-CDM model made of ? Céline Boehm, Christophe Ringeval & Jean Philippe Uzan - Chair: Nabila Aghanim
11:05-11:40	Coffee Break
11:40-12:05	The formation and evolution of star-forming galaxies - Reinhard Genzel
12:05-12:30	Dust at high redshift - Joaquin Vieira
12:30	LUNCH
FREE AFTERNOON	
18:30	PUBLIC LECTURE - <i>Les quasars : des trous noirs vraiment troublants</i> - Françoise Combes

THURSDAY**15 JUNE**

Session VI - Dust and Cosmology - Chair: Jonathan Aumont

09:00-09:25	From cosmic infrared background anisotropies to line intensity mapping - Matthieu Bethermin & Guilaine Lagache
09:25-09:40	CIB and dust polarization at small angular scales with ACT and WISE - Rodrigo Cordova
09:40-09:55	Scattering transforms in Astrophysics - Erwan Allys
09:55-10:10	A morphological characterization of the diffuse to dense ISM - Pablo Richard
10:10-10:25	From cosmology to seabass protection - Jean-Marc Delouis
10:25-10:40	Frequency dependence of the thermal dust E/B ratio and EB correlation: insights from the spin-moment expansion - Leo Vacher
10:40-11:15	Coffee Break
11:15-12:30	Round Table - Challenges of future projects from far-IR to radio frequencies François Bouchet, Chiara Ferrari & Martin Giard - Chair: George Helou

12:30 LUNCH

Session VII - Interstellar medium and dust II - Chair: Matt Griffin

14:00-14:25	THEMIS: A holistic view of dust and its evolution - Nathalie Ysard
14:25-14:50	Rethinking the Nature of Interstellar Dust - Brandon Hensley
14:50-15:05	Using complex temperature and spectral index variations to analyze Planck polarization data - Vincent Guillet
15:05-15:20	Application of Bayesian Inference to disentangle CMB foregrounds - Tuhin Ghosh
15:20-16:00	Coffee Break
16:00-16:15	Intermittency of dissipation in compressible MHD turbulence - Pierre Lesaffre
16:15-16:30	Inside a turbulent dissipation burst: its impact on a faint dust filament in the Polaris Flare - Pierre Hily-Blant
16:40-17:55	Round Table - Interstellar perspectives on Cosmic Origins from galaxies to exobiology Louis d'Hendecourt, Ralf Klessen & Anaelle Maury - Chair: Edith Falgarone

19:00 CONFERENCE DINNER

FRIDAY**16 JUNE**

Session VIII - Observatories and Instrumentation II - Chair: Silvia Masi

09:00-09:25	From Planck to LiteBIRD - Ludovic Montier
09:25-09:50	Primordial cosmology and fundamental physics with LiteBIRD - Masashi Hazumi
09:50-10:05	Simulations of systematic effects arising from cosmic rays for measurements of CMB B-modes with LiteBIRD - Samantha Stever

10:05-10:20	Challenges for new discoveries from cosmic microwave background experiments - Alessia Ritacco
10:20-10:35	BISOU: a balloon pathfinder for CMB spectral distortions measurements - Bruno Maffei
10:35-11:15	Coffee Break
11:15-11:30	From EMILIE to HFI: an illustrated short history of low temperature detection in French astronomy - François Pajot
11:30-11:55	ESA Science program and Jean-Loup Puget*- Roger Bonnet Visio Conference
11:55-12:20	The experimental path to Planck - Jean-Michel Lamarre Visio Conference
12:20-12:30	Farewell greetings
12:30	LUNCH
	(*) Denotes provisional titles to be updated by the speaker