

CONFERENCE PROGRAM

Last update: 3 April 2019

Sunday - May 19th, 2019

- 18:00 20:00 Registration
 20:00 21:30 Welcome cocktail

Monday - May 20th, 2019

8:55 9:00 Welcome

9:00 9:30 Peter Roelfsema SPICA – a joint infrared space observatory

Session 1: Galaxy Evolution

9:30 10:00 Françoise Combes The role of gas accretion on galaxy transformations

10:00 10:20 Alberto Bolatto Using SPICA to study extraplanar gas and cold outflows in galaxies

10:20 10:40 Philip Appleton Mapping warm H₂ in massive group/clusters, AGN and massive DM halos to high-z with JWST, SPICA and OST

10:40 11:00 Livia Vallini The ISM properties of the first galaxies as probed by ALMA and SPICA

11:00 11:30 Coffee/ Tea Break

11:30 12:00 Alexandra Pope The cosmic obedience of galaxies and their supermassive black holes

12:00 12:20 Shunsuke Baba Revealing molecular outflow in active galaxies with SPICA high-resolution spectroscopy

12:20 12:40 Eduardo González Alfonso Probing buried galactic nuclei with SPICA: The impact of cosmic rays from OH⁺ and the SPICA/ALMA synergy

12:40 13:00 Dave Clements Powering protoclusters: what drives the earliest stages of cluster formation?

13:00 13:20 Alexander Richings Infrared emission and absorption lines from multiphase galactic outflows driven by AGN

13:20 13:30 Discussion

13:30 16:00 Lunch + poster viewing

16:00 16:30 Poster pitches 1-30

16:30 16:55 Roberto Maiolino Galaxy evolution: synergies between SPICA and other observing facilities

16:55	17:15	Lucia Polles Fiorella	Looking for the excitation mechanism in the filaments around NGC1275
17:15	17:35	Chris Vignali	Heavily obscured AGN in the Chandra deep fields: the power of mid-IR/X-ray selection and prospects for SPICA

17:35 18:05 Coffee/ Tea Break

Session 2: Planetary systems

18:05	18:35	Ootsubo Takafumi	Composition of cometary ice and dust revealed through SPICA mid- and far-infrared spectroscopy
18:35	18:55	Alessandro Sozzetti	Molecular absorption and thermal emission in hot exoplanetary atmospheres with SPICA/SMI
18:55	19:15	Ernesto Palomba	Solar system studies with the SPICA space telescope
19:15	19:40	Masateru Ishiguro	Expectation of the solar system and related fields: From Hayabusa to SPICA

20:30 Dinner

Tuesday - May 21st, 2019

9:00	9:30	Bill Dent	Observing debris and planet-hosting disks with SPICA
9:30	9:50	Daisuke Ishihara	Debris disks and Zodiacal light – from AKARI to SPICA
9:50	10:10	Jonathan Marshall	Estimating the radii of unresolved debris disks

Session 3: Galactic star formation

10:10	10:40	Edith Falgarone	Cosmic turbulence
10:40	11:00	Davide Elia	Surveying high-mass star forming clumps across the Galaxy with SPICA

11:00 11:30 Coffee/ Tea Break

11:30	11:50	Philippe André	Magnetic fields and star formation in filamentary clouds with SPICA-B-BOP
11:50	12:10	Isabelle Ristorcelli	A statistical analysis from polarized dust emission in Planck Galactic cold clumps and hosting filaments
12:10	12:30	Laura Fissel	From the stratosphere to SPICA: Insights from the BLAST balloon-borne polarimeter program
12:30	12:50	Pat Morris	Gas and Dust in the environments of potential core collapse SN progenitors at the extremes
12:50	13:20	Patrick Koch	Magnetic fields in star formation
13:20	13:30	Discussion	

13:30 16:00 Lunch + poster viewing

