



THE UNIVERSE IN THE LIGHT OF AKARI

and Synergy with future Large Space Telescopes

9 - 11 July 2014 - Oxford, UK

Dennis Sciama Lecture Theatre, Oxford Astrophysics

Wed 9 July

08:00 - 09:00 REGISTRATION

Welcome

09:00 - 09:15 *White, Rigopoulou, Pearson* Welcome and Organisational
09:15 - 09:20 *Davies* Oxford Welcome
09:20 - 09:25 *Takeyasu* JSPS Welcome

Session 1: The AKARI Project and Legacy

09:25 - 10:00 I1 + I2 *Nakagawa + Yamamura* The AKARI project. Legacy, and data processing
10:00 - 10:25 I3 *Doi* The AKARI FIR all-sky maps

10:25 - 10:55 Coffee and Poster Session 1

Session 2: Star formation, stellar evolution The Galaxy, Zodiacal emission and Debris Disks

10:55 - 11:20 I6 *Ward-Thompson* Akari, SCUBA2 and Herschel data of pre-stellar cores
11:20 - 11:45 I4 *Onaka* Processing of the Interstellar Medium as Divulged by AKARI
11:45 - 12:10 I5 *Koo* Dust Infrared Emission from Supernova Remnants
12:10 - 12:45 16 x 1 minute Poster Summary Elevator speeches. Poster papers PA1 -> PA16

12:45 - 13:45 Lunch

13:45 - 14:10 I7 *Fraser* Ices in star formation regions
14:10 - 14:35 I8 *Izumiura* AKARI observation of evolved stars
14:35 - 14:55 A3 *Ohsawa* Near-Infrared PAH features in Galactic Planetary Nebulae
14:55 - 15:05 A4 *Lee, H.-G.* AKARI near-infrared spectroscopy of supernova remnants

15:05 - 15:40 Coffee and Poster Session 1

15:40 - 16:00 A11 *Toth* The AKARI Far-Infrared Surveyor young stellar object catalog
16:00 - 16:20 A5 *Fujiwara* Warm Debris Disks Proved by AKARI Observations
16:20 - 16:40 A8 *Ishihara* Debris disks and the zodiacal light
16:40 - 17:00 A7 *Fukui* Optically thick HI dominant in the local interstellar medium

Dennis Sciama Lecture Theatre, Oxford Astrophysics

Thu 10 July

Session 3: Nearby Galaxies and background

09:00 - 09:25 I11 *Kaneda* Properties of dust in various environments of nearby galaxies
09:25 - 09:45 B2 *Shimonishi* A multiwavelength spectroscopic study of molecular chemistry in the Large Magellanic Cloud
09:45 - 10:05 B13 *Yamagashi* Study of ice abundance ratios in nearby galaxies with AKARI near-infrared spectroscopy
10:05 - 10:30 I10 *Jeong* Analysis of Cosmic Infrared Background Fluctuations from the NEP Region

10:30 - 11:00 Coffee and Poster Session 2

11:00 - 11:25 I9 *Matsumoto* Near infrared background light
11:25 - 11:45 B12 *Tsumura* Low-Resolution Spectrum of the Extragalactic Background Light

Session 4: Active Galactic Nuclei and Ultra-luminous galaxies

11:45 - 12:10 I13 *Barthel* AGN with Akari and Herschel
12:10 - 12:45 18 x 1 minute Poster Summary Elevator speeches. Poster papers PB11 -> PB18
12:45 - 13:45 Lunch
13:45 - 14:10 I14 *Oyabu* AKARI observations of AGN dusty tori
14:10 - 14:35 I15 *Magdis* Tracing the evolution of the ULIRGs phenomenon across cosmic time
14:35 - 14:55 B9 *Shirahata* Near-Infrared spectroscopy of CO ro-vibrational absorption toward heavily obscured AGNs
14:55 - 15:15 B7 *Marchetti* The AGN/Starburst Specific Star Formation Rate using AKARI and Herschel Space Observatories

15:15 - 15:45 Coffee and Poster Session 2

Session 5: Deep extragalactic surveys with AKARI

15:45 - 16:10 I16 *Matsuura* Overview of the North Ecliptic Pole Deep Multi-wavelength Survey (NEP-Deep)
16:10 - 16:35 I17 *Serjeant* Multi-wavelength galaxy surveys in the NEP
16:35 - 17:00 I18 *Clements* The AKARI Deep Field South - Pushing To High Redshift
17:00 - 17:20 C5 *Oi* Properties of Dust Obscured Galaxies in the NEP-Deep field

17:20 - 17:40	JSPS	Japan Society for the Promotion of Science presentation
19:30 - late	Conference Banquet Mansfield College	Group Photo
Dennis Sciama Lecture Theatre, Oxford Astrophysics		
Fri 11 July		
Session 6: Deep extragalactic surveys with AKARI (continues from Thursday)		
08:45 - 09:10	I19 Pearson	The Herschel Survey of the AKARI NEP Field
09:10 - 09:35	I20 Rowan Robinson	Far infrared and submillimetre surveys, from IRAS to Akari, Herschel and Planck
09:35 - 09:55	B4 Kilerci Eser	Ultraluminous Infrared Galaxies in the AKARI All-sky Survey
09:55 - 10:15	C2 Goto	Cosmic star formation history from AKARI and new CFHT optical-IR data
10:15 - 10:35	C1 Im	AKARI spectroscopy of quasars at 2.5 - 5 microns
10:35 - 11:05	Coffee and Poster Session 3	
Session 7: Multi-wavelength modeling of galaxies		
11:05 - 11:30	I21 Burgarella	Galaxy SED fitting
11:30 - 11:55	I22 Buat	Star formation and dust attenuation in 8 microns selected galaxies up to $z=2$
11:55 - 12:15	C8 Koyama	Panoramic mid-infrared views of distant clusters of galaxies with AKARI
12:15 - 12:35	C3 Murata	PAH feature deficit of starburst galaxies in the AKARI North Ecliptic Pole Deep Field
12:35 - 13:05	15 x 1 minute Poster Summary	Elevator speeches. Poster papers PC1 -> PC15
13:05 - 14:00	Lunch	
14:00 - 14:25	I23 Egami	Harnessing the power of gravitational lensing to study distant galaxies
14:25 - 14:50	I24 Pilbratt	Herschel - Science Highlights and Legacy
14:50 - 15:10	C9 Sedgwick	AKARI Deep Field South: spectroscopic observations of infrared sources
15:10 - 15:35	I12 Lee, H.-M.	Photometric and Spectroscopic Surveys of NEP-Wide
15:35 - 16:05	Coffee and Poster Session 3	
Session 8: SPICA and future plans		
16:05 - 16:30	I25 Nakagawa	The next-generation infrared space mission SPICA in a new framework
16:30 - 16:55	I26 Roelfsema	The European SAFARI instrument on SPICA
16:55 - 17:20	I27 Swinyard	Towards the next generation of far-infrared spectrometers
Conference Summary		
Session 8: Final Summary		
17:20 - 17:35	Summary Onaka	Conference Summary