

SPICA collaboration meeting program

Groningen - Tuesday 2nd



	09:15 - 09:30	0:15	Entry - at SRON	
ID-1	09:30 - 12:30	3:00	Pentalateral - ESA, JAXA, SAFARI, B-BOP	Collaboration organization Phase 0/A planning, milestones, inputs Path to TRL 5, required maturity levels Technical issues/priorities
			Science splinter meeting	
IIE-1	09:30 - 12:30	3:00	Luigi Spinoglio	SST WorkGroup - galaxy evolution/spectroscopy
	12:30 - 13:15	0:45	Lunch	The Plaza
IA-1	13:15 - 13:20	0:05	Peter Roelfsema	Opening - logistics
IA-2	13:20 - 13:30	0:10	Peter Roelfsema	The SPICA collaboration - aims of this meeting
			Project status - M5	
IA-3	13:30 - 14:00	0:30	Peter Roelfsema	Collaboration overview - context/status/progress Programmatic context - ESA, JAXA, instrument consortia SPICA and its instruments Outlook/timeline
IA-4	14:00 - 14:15	0:15	Jacques Rouquet	ESA project - outlook, plans, timeline
IA-5	14:15 - 14:30	0:15	Toru Yamada	SPICA status in Japan
IA-6	14:30 - 15:00	0:30	ESA/JAXA	SPICA - mission configuration, development progress and plans Satellite, cooling system, FPI configuration
IA-7	15:00 - 15:15	0:15	Pedro Garcia-Lario	Mission operations
	15:15 - 15:30	0:15	Coffee/Tea	
			Instruments - overview	consortium status, instrument concept and projected performance
IA-8	15:30 - 15:50	0:20	Roelfsema/Jellema	SAFARI
IA-9	15:50 - 16:10	0:20	Hidehiro Kaneda	SMI
IA-10	16:10 - 16:30	0:20	Marc Sauvage	B-BOP
			SPICA science study team - organisation	
IA-11	16:30 - 16:50	0:20	Peter Roelfsema	Setup and goals of the SPICA SST
IA-12	16:50 - 17:50	1:00	SPICA science goals - progress from the SST Work Groups	
IA-13		0:10	TBC	Solar system
IA-14		0:10	Inga Kamp	Planet Formation
IA-15		0:10	TBC	Galactic ISM/SF
IA-16		0:10	TBC	Nearby galaxies
IA-17		0:10	David Elbaz	Galaxy evolution - photometric surveys
IA-18		0:10	Luigi Spinoglio	Galaxy evolution - spectroscopic surveys

Plenary session	Donald Smitszaal
Parallel instrument session	Donald Smitszaal
Parallel instrument session	SRON - ZG 257
Splinter meeting	SRON - ZG 292
Splinter meeting	SRON - ZG 291

SPICA collaboration meeting program

Groningen - Wednesday 3rd



	08:45 - 09:00	0:15	Entry	
IIA-1	09:00 - 09:10	0:10	Floris van der Tak	Opening
			Contributed talks	
IIA-2	09:10 - 09:30	0:20	Sylvain Bontemps	Star formation and ISM physics with SPICA
IIA-3	09:30 - 09:50	0:20	Sergio Molinari	Galaxy-wide mapping of high-mass star formation with SPICA
IIA-4	09:50 - 10:10	0:20	Davide Fedele (obo Brunella Nisini)	Spectroscopic survey of proto-stellar sources in low mass star forming regions
IIA-5	10:10 - 10:30	0:20	Yasuo Doi	Magnetic field and filament entanglement in NGC 1333
IIA-6	10:30 - 10:50	0:20	Ernesto Palomba	Solar System objects observed by SPICA
	10:50 - 11:20	0:30	Coffee/Tea	
IID-1	11:00 - 12:30	1:30	Dennis van Loon/David Naylor	SAFARI splinter: FTS mechanism
			Contributed talks (cont.)	
IIA-7	11:20 - 11:40	0:20	Pablo Gonzalez Perez	Exploring the earliest phases in the formation of massive galaxies at $4 < z < 7$: what is needed from SPICA
IIA-8	11:40 - 12:00	0:20	Giulia Rodighiero	Galaxy proto-clusters formation and evolution with SPICA
IIA-9	12:00 - 12:20	0:20	Lingyu Wang	Synergy with radio surveys: lessons learned from a IRAS-LOFAR cross-match study
IIA-10	12:20 - 12:40	0:20	Matt Bradford	SPICA science topics - on behalf of the US astronomy community
	12:40 - 13:30	0:50	Lunch	The Plaza
			Instrument science capability options/considerations	
IIA-11	13:30 - 14:00	0:30	Willem Jellema	SAFARI capabilities beyond the baseline
IIA-12	14:00 - 14:15	0:15	Marc Sauvage	Wavelength setup for B-BOP
IIA-13	14:15 - 14:35	0:20	Hidehiro Kaneda	Survey speed of SMI compared with MIRI
IIA-14	14:35 - 14:55	0:20	Sabrina Mordini	Updates on observability with SMI
IID-2	14:00 - 15:30	1:30	Pieter Dieleman/Shiang-Yu Wang	SAFARI splinter: Calibration Source
IID-3	15:30 - 16:00	0:30	Pieter Dieleman/Oliver Krause	SAFARI splinter: Beam Steering Mirror
	14:55 - 15:10	0:15	Coffee/Tea	
			Contributed talks (cont.)	
IIA-15	15:10 - 15:30	0:20	Frederic Galliano	Challenges of SED modelling in the SPICA era
IIA-16	15:30 - 15:50	0:20	Peter Camps	Radiative transfer post-processing of simulated galaxies in a cosmological context
IIA-17	15:50 - 16:10	0:20	Vianney Lebouteiller	The chemical abundances with SPICA
IIA-18	16:10 - 16:30	0:20	Diane Cormier	Modelling the gas properties in star-forming galaxies
			General discussion	
IIA-19	16:30 - 17:00	0:30	Floris vd Tak	SPICA science - summary, outlook, actions
	<i>End of plenary session</i>			
IID-4	16:45 - 18:45	2:00	Peter Roelfsema	Heads of Nation meeting
	19:00 - 19:30	0:30	Social event entry with drinks	
	19:30 - 22:00	2:30	Dinner	

Plenary session	Donald Smitszaal
Parallel instrument session	Donald Smitszaal
Parallel instrument session	SRON - ZG 257
Splinter meeting	SRON - ZG 292
Splinter meeting	SRON - ZG 291

SPICA collaboration meeting program

Groningen - Thursday 4th



	08:45 - 09:00	0:15	Entry	
			B-BOP	
IIIB-1	09:00 - 12:30	3:30	Marc Sauvage	B-BOP system/subsystem - technical progress and plans Instrument & Science Consortia status report On the instrument, indicate what is evolving and in which direction, On the science consortium side: elaborate on the interaction with the Study Science Team to avoid duplication. New topics in the science program, and partners that come with it. Phase A plans: provide details on the Phase A activities.
			Jerome Martingac	Instrument design and concept Subsystem description and justification, update on the different budgets and assumptions behind these numbers. Critical uncertainties that affect the system design Current optical concept, impact of changes in the focal plane arrangement.
			Marc Sauvage/Vincent Reveret	Concepts for reaching requirements on polarisation properties of the optical system Signal acquisition chain, science requirements propagation « upward » to the system (detector, calibration system, telescope).
			Vincent Reveret	Observation and Calibration Reminders on the principle of detection Calibration: what we plan to calibrate with instrument system. What we need to rely on celestial calibration Address the constraints on dynamical range
			Science splinter meeting	
IIID-1	09:00 - 12:00	3:00	David Elbaz	SST WorkGroup - galaxy evolution/photometric surveys
			SAFARI	
IIIC-1	09:00 - 10:05	1:05		SAFARI System
IIIC-2		0:20	Willem Jellema	SAFARI - instrument concept, trade-offs and projected performance
IIIC-3		0:20	Willem Jellema	Spectral spatial sampling considerations
IIIC-4		0:10	Sylvain Martin	Thermal
IIIC-5		0:15	David Arrazola	Optical
IIIC-6	10:05 - 10:20	0:15	Willem Jellema (lead)	SAFARI subsystems
IIIC-7		0:15	Josefina Torres	FPU mechanical incl GM
	10:20 - 10:35	0:15	Coffee/Tea	
IIIC-8	10:35 - 12:15	1:40		SAFARI subsystems - continued
IIIC-9		0:15	Shiang-Yu Wang	CSA
IIIC-10		0:15	Oliver Krause	BSM
IIIC-11		0:10	Lionel Duband	Cooler
IIIC-12		0:30	David Naylor	FTSM
IIIC-13		0:15	Willem Jellema	Budgets
IIIC-14		0:15	Willem Jellema	Forward plan
	12:30 - 13:30	1:00	Lunch	Kapteynborg
Plenary session			Donald Smitszaal	
Plenary session			Donald Smitszaal	
Parallel instrument session			Donald Smitszaal	
Parallel instrument session			SRON - ZG 257	
Splinter meeting			SRON - ZG 292	
Splinter meeting			SRON - ZG 291	

SPICA collaboration meeting program

Groningen - Thursday 4th



	12:30 - 13:30	1:00	Lunch	Kapteynborg
			SPICA operations	
IIID-2	13:30 - 15:00	1:30	Marc Audard/Pedro Garcia-Lario	ICC's, mission operations development
			SAFARI Cont.	
IIIC-15	13:30 - 15:20	1:50	Gert de Lange (lead)	Detector system
IIIC-16		0:20	Damian Audley	Overview, SRON FDM development
IIIC-17		0:20	Matt Bradford	US GM development
IIIC-18		0:20	Peter Ade	UK FPA development work
IIIC-19		0:15	Martin Eggens	FPA volume optimisation
IIIC-20		0:15	Atta Almasi	GM magnetic shielding
IIIC-21		0:20	Gert de Lange	Forward plan
			SAFARI forward planning	
IIIC-22	15:20 - 15:40	0:20	Pieter Dieleman	Project planning and organization
				Timeline long term - phase A/B/C
				Timeline near term - reference design/phase 0
				Organization
				Management plan, development plans, design description
	15:40 - 15:55	0:15	Coffee/Tea	
			Closing session - plenary	
IIIA-1	16:00 - 16:35	0:35	Splinter outcome/summaries	
		0:05	Dennis van Loon/David Naylor	SAFARI splinter: FTS mechanism
		0:05	Pieter Dieleman/Oliver Krause	SAFARI splinter: Beam Steering Mirror
		0:05	Pieter Dieleman/Shiang-Yu Wang	SAFARI splinter: Calibration Source
		0:05	Marc Audard/Pedro Garcia-Lario	ICC's, mission operations development
		0:05	Floris van der Tak	SPICA science - summary, outlook, actions
		0:05	Luigi Spinoglio	SST WorkGroup - galaxy evolution/spectroscopy
		0:05	David Elbaz	SST WorkGroup - galaxy evolution/photometric surveys
IIIA-2	16:35 - 16:50	0:15	Peter Roelfsema	Heads of Nation feedback
IIIA-3	16:50 - 17:05	0:15	Peter Roelfsema	Closing remarks and outlook
			<i>Meeting adjourns</i>	

Plenary session	Donald Smitszaal
Parallel instrument session	Donald Smitszaal
Parallel instrument session	SRON - ZG 257
Splinter meeting	SRON - ZG 292
Splinter meeting	SRON - ZG 291