

## X-IFU consortium meeting 3

**Location: IRAP Toulouse (Roche site)**

**26 oct. 2015 14:00 to 28 oct. 2015 15:00**

How to reach IRAP: <http://www.irap.omp.eu/en/presentation/infos-pratiques>

### CM Day 1: 26/10/2015, (14:00 - 18:30)

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The meeting will take place in the Conference room at IRAP

see this: <http://www.irap.omp.eu/en/presentation/infos-pratiques>

14:00	-	14:10	Introduction	Didier Barret	[10']
14:10	-	14:50	CNES project organization	Thien Lam Trong	[40']
14:50	-	15:30	Status of the Athena industrial studies & instrument phase A planning (e.g. X-IFU and mission/S/C milestones)	Martin Linder & Mark Ayre (ESA)	[40']
15:30	-	16:00	The X-IFU science requirement - open issues	François Pajot	[30']
16:00	-	16:20	The TES array optimization exercise - Scientific assessment	Xavier Barcons	[20']
16:20	-	16:40	e2e Instrument simulator developments	Philippe Peille	[20']
16:40	-	16:55	Coffee break		[15']
16:55	-	17:15	The TES array optimization exercise - Technical assessment	Brian Jackson	[20']
17:15	-	17:30	Status of TES developments	Simon Bandler	[15']
17:30	-	17:45	Status of FDM developments	Jan van der Kuur	[15']
17:45	-	18:00	Status of cyroAC developments	Flavio Gatti	[15']
18:00	-	18:15	Status of FPA related technology developments	Henk van Weers	[15']
18:15	-	18:30	Focus on the spectral resolution budget	Roland den Hartog/Caroline Kilbourne	[15']

### CM Day 2: 27/10/2015, (09:00 - 18:25)

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The meeting will take place in the Conference room at IRAP.

09:00	-	09:20	Studying AGN, Starburst winds and outflows, and the energetics of feedback AGNs with X-IFU	Mauro Dadina	[20']	
09:20	-	09:35	The Gamma-ray Burst - WHIM simulations	Thorsten Brand	[15']	
09:35	-	09:50	The Detector Cooling System (DCS) proposal	Christophe Daniel	[15']	
09:50	-	10:05	Preliminary Dewar Design for the DCS	Alice Pradines	[15']	
10:05	-	10:20	DCS development plan	Michel Le Du	[15']	
10:20	-	10:35	Focus on the FPA development plan for the DM	Brian Jackson	[15']	
10:35	-	11:00	Coffee break		[25']	
11:00	-	11:15	Potential of the the cooling chain for improving the ToO response	Ivan Charles/Lionel Duband	[15']	
11:15	-	11:30	Testing various event processing algorithms	Beatriz Coboz	[15']	
11:30	-	11:45	WFEE LNA development updates	Damien Prêle	[15']	
11:45	-	12:00	DRE development updates (including the DAC R&T program)	Laurent Ravera	[15']	
12:00	-	12:20	Activities of the system team	Jean-Michel Mesnager	[20']	
12:20	-	12:30	Setting up the documentation system	Thien Lam Trong	[10']	
12:30	-	13:50	Lunch break		[80']	
13:50	-	14:00	ESA instrument AO - what will be needed	Martin Linder	[10']	
14:00	-	14:10	ESA instrument AO - organization of the response	Thien Lam Trong	[10']	
14:10	-	14:40	Phase A activities and master planning: DM/Phase A development logic - Decision making process	Thien Lam Trong	[30']	
14:40	-	14:55	Cooler activities in Japan	Noriko Yamasaki	[15']	
14:55	-	15:10	Technology development program for the WFI	Arne Rau	[15']	
15:10	-	15:25	Aperture assembly update	Pierre Jamotton	[15']	
15:25	-	15:35	Filter wheel update	Stéphane Paltani	[10']	
15:35	-	15:50	Cryostat update	Miguel Mas Hesse	[15']	
15:50	-	16:05	FPA and Dewar filter updates	Marco Barbera	[15']	
16:05	-	16:20	Coffee break		[15']	
16:20	-	16:30	SQUID development plan updates	Mikko Kiviranta	[10']	
16:30	-	16:40	The instrument control unit	Luca Valenziano	[10']	
16:40	-	16:50	Background estimate update	Simone Lotti	[10']	
16:50	-	17:00	The AREMBES proposal	Claudio Macculi	[10']	
17:00	-	17:15	Science Ground Segment update	Natalie Webb	[15']	
17:15	-	17:30	Conclusions of the meeting	Didier Barret/Thien Lam Trong	[15']	
>	17:30	-	18:30	First National Project Manager meeting - Organization/communication...	Thien Lam Trong (coordination)	[60']

### Splinter meetings Day 3: 28/10/2015, (09:00 - 15:00)

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National Project Manager meetings are open to all project managers

>	09:00	-	10:00	Second National Project Manager meeting - Development plan, planning, short term activities, MCR preparation	Thien Lam Trong	[60']
>	09:00	-	10:30	Thermal-mechanical interfaces for the DCS	Christophe Daniel/Alice Pradines	[90']
>	09:00	-	10:30	Science ground segment discussion - How do we get organized?	Natalie Webb	[90']
	10:00	-	12:00	Review of the TRL of each subsystems	Thien Lam Trong	[120']
	12:00	-	13:00	Lunch break		[60']
	13:00	-	15:00	Sensor array configuration	Brian Jackson	[120']