

Meeting on the preparation of the SVOM Core Program Science (GRB Studies)

lundi 6 mai 2024

From the production of the science products to the publication: in this session, we propose to consider the case of a bright GRB detected by all instruments of SVOM and to discuss the tools and skills necessary to analyse and discuss this GRB in the context of a publication. (Part I) - Amphithéâtre (09:45 - 12:45)

time	[id] title	presenter
09:55	[13] Introduction: objectives of this session	Prof. DAIGNE, Frédéric
10:05	[14] Prompt high-energy emission (and transition to the afterglow ?) [ECLAIRS and GRM, with possibly other instruments]	
	- [1] Introduction of the topic	PIRON, Frédéric BERNARDINI, Maria Grazia
	- [2] Discussion	ALL PARTICIPANTS
10:50	Coffee break	
11:15	[15] Late prompt/afterglow in X-rays [MXT with possibly other instruments]	
	- [1] Introduction of the topic	GOTZ, Diego
	- [2] Discussion	ALL PARTICIPANTS
12:00	[16] Prompt/Afterglow in the visible/near-infrared [VT, GWAC, GFTs, with possibly other instruments]	
	- [1] Introduction of the topic	Dr PALMERIO, Jesse
	- [2] Discussion	ALL PARTICIPANTS

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time	[id] title	presenter
14:00	[17] Correcting for the absorption in the context of a multi-wavelength data set	
	- [1] Introduction of the topic	BUAT, Veronique RAKOTONDRAINIBE, Ny Avo
	- [2] Discussion	ALL PARTICIPANTS
14:45	[18] Taking into account data of external origin (follow-up partners, GCN): (1) the case of a "standard" follow-up (e.g. radio to X-rays)	
	- [1] Introduction of the topic	TURPIN, Damien
	- [2] Discussion	ALL PARTICIPANTS
15:30	Coffee break	
15:55	[19] Taking into account data of external origin (follow-up partners, GCN): (2) exceptional cases (e.g. detection at HE/VHE, multi-messenger event, etc.)	

	- [1] Introduction of the topic	DORNIC, Damien LEROY, Nicolas PIRON, Frédéric
	- [2] Discussion	ALL PARTICIPANTS
16:40	[20] Interpretation/Modelling	
	- [1] Introduction of the topic	GUILLET, Jérôme Prof. DAIGNE, Frédéric VERGANI, Susanna
	- [2] Discussion	ALL PARTICIPANTS
17:25	[21] Final discussion: review of the list of "experts" identified within the collaboration - Missing tools/skills/actions to take	ALL PARTICIPANTS