

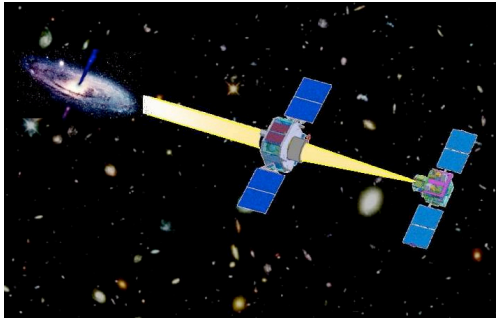
SIMBOL-X workshop

CNES salle de l'Espace
Paris 1^{er}
March 11 & 12, 2004

Final Program

Thursday, March 11

09:30–09:35	Welcome	P. Ferrando
Mission description		
09:35–10:00	The SIMBOL-X mission	P. Ferrando
10:00–10:15	SIMBOL-X optics	G. Pareschi
10:15–10:30	Focal plane : the low energy detector	L. Strüder
10:30–10:45	Focal plane : the high energy detector	O. Limousin
10:45–11:15	Coffee break	
Galactic Center		
11:15–11:40	The Supermassive Black Hole at the Galactic Center	A. Goldwurm
11:40–12:05	Galactic Center diffuse emission	A. Decourchelle
12:05–13:35	Lunch break	
Accretion / ejection - AGNs		
13:35–14:00	Overview	L. Maraschi
14:00–14:20	Constraints on Radio Quiet AGN continuum with SIMBOL-X	P.O. Petrucci
14:20–14:35	Iron line diagnostics	J. Wilms
14:35–14:50	Type 2 AGNs	M. Cappi
14:50–15:05	Extreme blazars and the VHE connection	B. Giebels
15:05–15:20	High Energy emission of blazars, the need for high sensitivity	G. Henri
15:20–15:50	Coffee break	
Particle acceleration - Galactic		
15:50–16:15	Particle acceleration in Supernova Remnants	A. Decourchelle
16:15–16:30	Particle acceleration in G347.3–0.5	G. Cassam-Chenaï
16:30–16:50	High energy particle acceleration in active stars	Th. Montmerle
Particle acceleration - Extragalactic		
16:50–17:15	High energy emission of galaxy clusters	M. Arnaud
17:15–17:40	Gamma-ray bursts afterglows	F. Daigne



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Accretion / ejection - Stellar mass Black Holes

09:30–09:50	Hard X-ray tails in X-ray binaries	S. Campana
09:50–10:10	SIMBOL-X and relativistic jets	S. Corbel
10:10–10:25	QPOs : a case study GRS1915+105	J. Rodriguez
10:25–10:40	Understanding the nature of ULX with SIMBOL-X	L. Foschini
10:40–11:10	Coffee break	

High Energy Sources Population

11:10–11:30	The X/γ-ray Milky Way	F. Lebrun
11:30–11:50	X-ray sources population in nearby galaxies	W. Pietsch
11:50–12:15	Evolution of the sources of the X-ray Background	G. Hasinger
12:15–13:45	Lunch break	

Neutron Stars, Pulsars

13:45–14:10	Neutron stars and lions	G. Bignami
14:10–14:25	Geminga and its fraternity	P. Caraveo
14:25–14:45	A hard X-ray view on X-ray binary transients in quiescence	S. Campana
14:45–15:00	X-raying accretion columns - Cyclotron line studies with SIMBOL-X	P. Kretschmar

15:00–15:30	General discussion and conclusions	
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