

An INTEGRAL view
of the high-energy sky
(the first 10 years)

**9th INTEGRAL Workshop
and celebration of the
10th launch anniversary**

15-19 October 2012
Bibliothèque Nationale de France
Paris, France

9th Integral Workshop

- **Organisation Status**
- **Scientific Program**
- **Funding**

LOC Activities (01/2012)

- LOC operational (APC, SAp/AIM, IRAP, CNES)
- Venue: Large Amphithéâtre of the BNF
- Venue for parallel session: Small amphitheatre
1.5 day booked
- Web Page available
- 1st Circular published
- Place for the Celebration dinner not yet defined (several possibilities under study)
- 2nd Circular in preparation



FIRST CIRCULAR AND NOTIFICATION OF IMPORTANT DEADLINES

"An INTEGRAL view of the high-energy sky (the first 10 years)"

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and celebration of the 10th launch anniversary

15 - 19 October 2012, Paris, France

Scientific Program and Aims of the Workshop

The 9th INTEGRAL workshop "An INTEGRAL view of the high-energy sky (the first 10 years)" will take place from the 15th to the 19th October 2012 in Paris, Bibliothèque Nationale de France (*Bibliothèque François Mitterrand*). The workshop will be sponsored by ESA, CNES and other French and European Institutions.

During this week we will celebrate the 10th launch anniversary of the INTEGRAL mission, on 17 October 2012.

The main goal of this workshop is to present and to discuss (via invited and contributed talks and posters) latest results obtained in the field of high-energy astrophysics using the International Gamma-Ray Astrophysics Laboratory INTEGRAL, as well as results from observations from other ground- and space-based high-energy observatories and from associated multi-wavelength campaigns.

Contributions to the workshop shall cover the following scientific topics:

- X-ray binaries (IGR sources, black holes, neutron stars, white dwarfs)
- Isolated neutron stars (gamma-ray pulsars, magnetars)
- Nucleo-synthesis (SNe, Novae, SNRs, ISM) and gamma-ray lines (511 keV)
- Galactic diffuse continuum emission (including Galactic Ridge)
- Massive black holes in AGNs, elliptical galaxies, nucleus of the Galaxy
- Sky surveys, source populations and unidentified gamma-ray sources
- Cosmic background radiation
- Gamma-ray bursts
- Coordinated observations with other ground- and space-based observatories
- Science data processing and analysis (posters only)
- Future instruments and missions (posters only)

Workshop web page: <http://IntegralWorkshop2012.in2p3.fr>

Workshop LOC email: IntegralWorkshop2012@apc.univ-paris7.fr

1st Circular of the Conférence

Distributed in October 2011

WWW Site of the Conférence



9th INTEGRAL Workshop

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15th - 19th October 2012

Bibliothèque Nationale de France, Paris, France

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IW12 Schedule

2011 Milestones

- Start SAC activities (Title) (SAC chair) Mid 2011
- Draft first circular (ESA) August 2011
- First circular out to big list (LOC) October 2011

2012 Milestones

- Draft Poster and Design (ESA) Early February 2012
- Print and Mail Poster (ESA) Early April 2012
- 2nd circular End March-April 2012
- Abstract Deadline 1st June 2012
- Programme Plan (SAC) Mid June
- Inform Participants on Travel Support Mid July
- Third Circular Mailed Out Mid July
- Programme + abstracts on WWW Mid July
- Registration deadline (workshop) Mid August
- No Hotel booking by the LOC (hotel list on the w-site)
- Abstract Book Available early September
- WORKSHOP 15-19 October
- Collect papers, start referee process Dec 2012
- End of Referee's Process (SAC) February 2013
- Proceedings On-line Publication March 2013

Conference Plan

9th Integral Workshop: 10 years launch anniversary

International conference: ~ 300 participants

Celebration: 400 (invitation of personalities ~ 40 -50)

Dates: 15 – 19 Oct 2012 , Monday 10:00 – Friday 16:00 - a total of 4.5 days

17th afternoon: ½ day free with touristic tour (museum, bateau , TBD)

17th evening: Gala dinner with Anniversary Celebration

Sessions : Morning (1 coffee break), Afternoon (1 coffee break)

Invited talks 40 min

Solicited talks 30 min

Contributed talks 20 min (15'+5')

Posters possibly displayed part of the time (Available on W-site)

Parallel Sessions 3 half days: Monday pm, Tuesday am, Tuesday pm

Additional events:

- One outreach event scheduled (Thursday evening), another event is under study

Conference PROGRAM

	Monday	Monday am(bis Tuesday	Tuesday (bis)	Wed.	Thursday	Friday
9h-9h40	Registration		Review	Review	Review	Review
9h40 - 10h00	Review					
10h00-10h20						
10h20-10h40						
10h40-11h10	Coffee Break					
11h10-11h40	Sollicited		Sollicited	Sollicited	Sollicited	Sollicited
11h40-12h						
12h-12h20						
12h20-12h40						
12h40-14h10	Lunch Break					
14h10-14h40	Sollicited	Sollicited	Sollicited	Sollicited	Sollicited	Sollicited
14h40-15h						
15h-15h20						
15h20-15h40						
15h40-16h						
16h-16h30	Coffee Break			Excursion	Coffee Break	
16h30-16h50						
16h50-17h10						
17h10-17h30						
17h30-17h50	Apéritif		Banquet			

- Mon 9:00 – Fri 16:30: 5 days Conference
- ½ day off: 4.3 days effective
- Parallel session during 1.5 days Monday pm and Tuesday (BNF Big+small amphitheatre)
- Welcome/Introduction talk (personalities)
- Talks: 93 total
 - 6 Reviews (40'), 2 in parallel
 - 12 Solicited (30'), 6 in parallel
 - 75 Contributed (20') 27 in parallel
- Posters: ~100

Event Celebration

- Depending on final funding level we would like to invite (pay for) a few personalities to the Celebration Dinner
- ESA and other laboratories are invited to make a list of people to invite with an order of priority
- Conference Welcome and introduction + Dinner welcome and celebration talks yet to be defined

Funding

- Registration fee of 350 euros (including celebration dinner)
- Sponsors:
ESA, CNES, CEA, CNRS, French labs (APC, SAp/AIM, IRAP)
- Are other agencies or laboratories able to support the event ? At which level ?
- Request to industry for sponsorship (Integral prime contractor) ? => request by ESA (C.W. ?)
- Other possibilities ?

Back up slides

Committees and Contacts

Science Advisory Committee

François Lebrun (Chair)	Miguel Mas-Hesse
Angela Bazzano	Mark Mc Connell
Søren Brandt	Giorgio Palumbo
Roland Diehl	Konstantin Postnov
Maurizio Falanga	Jean-Pierre Roques
Neil Gehrels	Norbert Schartel
Andrea Goldwurm	Rashid Sunyaev
Sergei Grebenev	Pietro Ubertini
Margarita Hernanz	Roland Walter
Ed van den Heuvel	Joern Wilms
Peter Kretschmar	Christoph Winkler

Local Organizing Committee

Andrea Goldwurm (Chair)
Sarodia Vydelingum (Secretary)
Laurence Amen (CNES)
Volker Beckmann
Isabel Domenech Caballero
Elisabeth Jourdain
Olivier La Marle (CNES)
François Lebrun
Fabio Mattana
Jerome Rodriguez
Simona Soldi
Stephane Schanne
Jean Pierre Roques
Juan A. Heras Zurita

Contacts:

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Venue: the BnF *Large Amphithéâtre*



site François-Mitterrand

Location: close to APC/Paris 7 Un. Campus, well connected to Paris center (Mo 14), many restaurants brasseries in the quarter

- Facilities:**
- auditorium for 350 persons
 - small auditorium for 180 persons
 - complete audio/video equipment, Wifi
 - 300 m2 reception room (cocktail, coffee b., posters)
 - several offices for LOC and small meetings

