

List of IUG members and ToR are published on WWW

6 external IUG members, after mid 2009:

- Eugene Churazov to be replaced by N.N. until mid 2011
- Wim Hermsen to be replaced by N.N. until mid 2011
- Mark Leising replaced Chryssa Kouveliotou, continues until mid 2010
- Tomaso Belloni, Andrea Goldwurm, Jörn Wilms continue until mid 2010

Criteria for membership

- Active researchers in the field of high-energy astrophysics and regularly using INTEGRAL scientific data
- Formally not affiliated with PI teams (instruments and ISDC): PI, CO-I
- Availability

Suggestions for two new candidates to CW, please

Advice will also be sought from AWG: - adding names to the list

Appointment by D/SRE

The tasks of the INTEGRAL Users Group (IUG) are to:

1. Advise the Project Scientist on all matters relevant to maximising the scientific return of INTEGRAL within the boundary conditions.
2. Advise the Project Scientist on how to ensure that INTEGRAL maintains the principal characteristics of an observatory satisfying the objectives of the scientific community at large.
3. Act as a focus for the interests of the scientific community in INTEGRAL and act as an advocate for INTEGRAL within that community.
4. Maintain contact with the wider scientific community on matters specific to INTEGRAL (e.g. coordinated observations, science operations and General Observer interface) and to provide a route so that the community can advise ESA on INTEGRAL's scientific goals from a general point of view.
5. Monitor the ISOC and ISDC activities to ensure that they best meet the needs of the user community within the resources available.
6. Identify, in consultation with the Integral Operations Coordination Group (IOCG), a coherent calibration and performance verification policy.
7. Advise, in consultation with the IOCG, on the maintenance and possible further enhancement of the science ground segment with particular reference to the operational scenario, observatory products and database structure.
8. Participate in major programme reviews.

The following applies:

- \* The IUG shall meet approximately twice a year, and the meeting venue is normally either ESAC (Villafranca, E) or ESTEC (Noordwijk, NL).
- \* The decision process in the IUG should be one of consensus rather than conflict. In case, however, a voting is required, the voting rights as established for the XMM-Newton Users Group shall be applicable (ref.: ASTRO (2007)16).
- \* The chairman of the IUG will make annual reports to the AWG (Astronomy Working Group).
- \* In all cases where the Mission Manager judges that the recommendations made by the IUG violate the resources available, or jeopardize the mission's safety, or if the ESA management otherwise disagrees, the recommendation will be taken to higher ESA management for a final decision. At that point, the chairman of IUG will also be invited to provide his or her input. It is, however, envisaged, that these cases will be an exceptional situation.

## Membership of the IUG

The IUG is composed of (i) external members, (ii) the chair of the Time Allocation Committee (TAC), (iii) members of the former ISWT, and (iv) ESA staff.

(i)

External IUG members should be active researchers in the field of high-energy astrophysics and be regularly using INTEGRAL scientific data. They should not formally be affiliated with INTEGRAL PI teams (neither instruments nor ISDC). The IUG chair is an external IUG member. Membership of the IUG is for two years. It is foreseen that two years after the formal start of the IUG, half the external members will be replaced, and in another two years (i.e. four years after set-up) the full external membership will be reviewed. External IUG members are appointed by D/SCI, after consultation with the Astronomy Working Group, the outgoing IUG and the Project Scientist.

(iii)

IUG members from the former ISWT are:

The Co-PIs for IBIS and SPI, PIs for JEM-X, OMC, and ISDC, respectively; Mission Scientists and the Russian representative for the PROTON launcher.

(iv)

IUG members from ESA are:

The Project Scientist, the Mission Manager and the secretary.

## Current members of the IUG

NAME:	ADDRESS:		Date of appointment
Wim Hermsen (Chair)	National Institut for Space Research (SRON) <a href="mailto:W.Hermesen@sron.nl">W.Hermesen@sron.nl</a>	External, Mission Scientist	March 2005
Tomaso Belloni	INAF - Brera Observatory	External	July 2007
Eugene Churazov	Space Research Institute (IKI)	External	March 2005
Andrea Goldwurm	Service d'Astrophysique CEA	External	July 2007
Mark Leising	Clemson University	External	June 2008
Joem Wilms	Dr. Karl-Reimis-Sternwarte, Univ. Erlangen-Nürnberg	External	July 2007
Ed van den Heuvel	University of Amsterdam	TAC chair	
Giorgio Palumbo	University of Bologna	Mission Scientist	
Jacques Paul	Service d'Astrophysique CEA	Mission Scientist	
Neil Gehrels	NASA Goddard Space Flight Center	Mission Scientist	
Sergei Grebenev	Space Research Institute (IKI)	Mission Scientist	
Pietro Ubertini	INAF Rome	Co-PI IBIS	
Francois Lebrun	Service d'Astrophysique CEA	Co-PI IBIS	
Jean-Pierre Roques	CESR Toulouse	Co-PI SPI	
Roland Diehl	MPE Garching	Co-PI SPI	
Sören Brandt	DNSC Copenhagen	PI JEM-X	
Miguel Mas-Hesse	INTA Madrid	PI OMC	
Thierry Courvoisier	Integral Science Data Centre	PI ISDC	
Rashid Sunyaev	IKI Moscow, MPA Garching	Repr. PROTON Launcher	
Christoph Winkler	ESA ESTEC	Project Scientist	
Arvind Parmar	ESA ESTEC	Mission Manager	
Peter Kretschmar	ESA ESAC	Dep. Proj. Sci., Secretary	