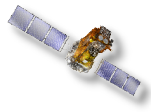
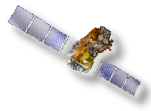


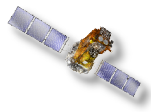
Project Scientist Status Report



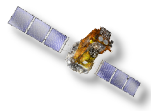
Observatory status



Community interfaces

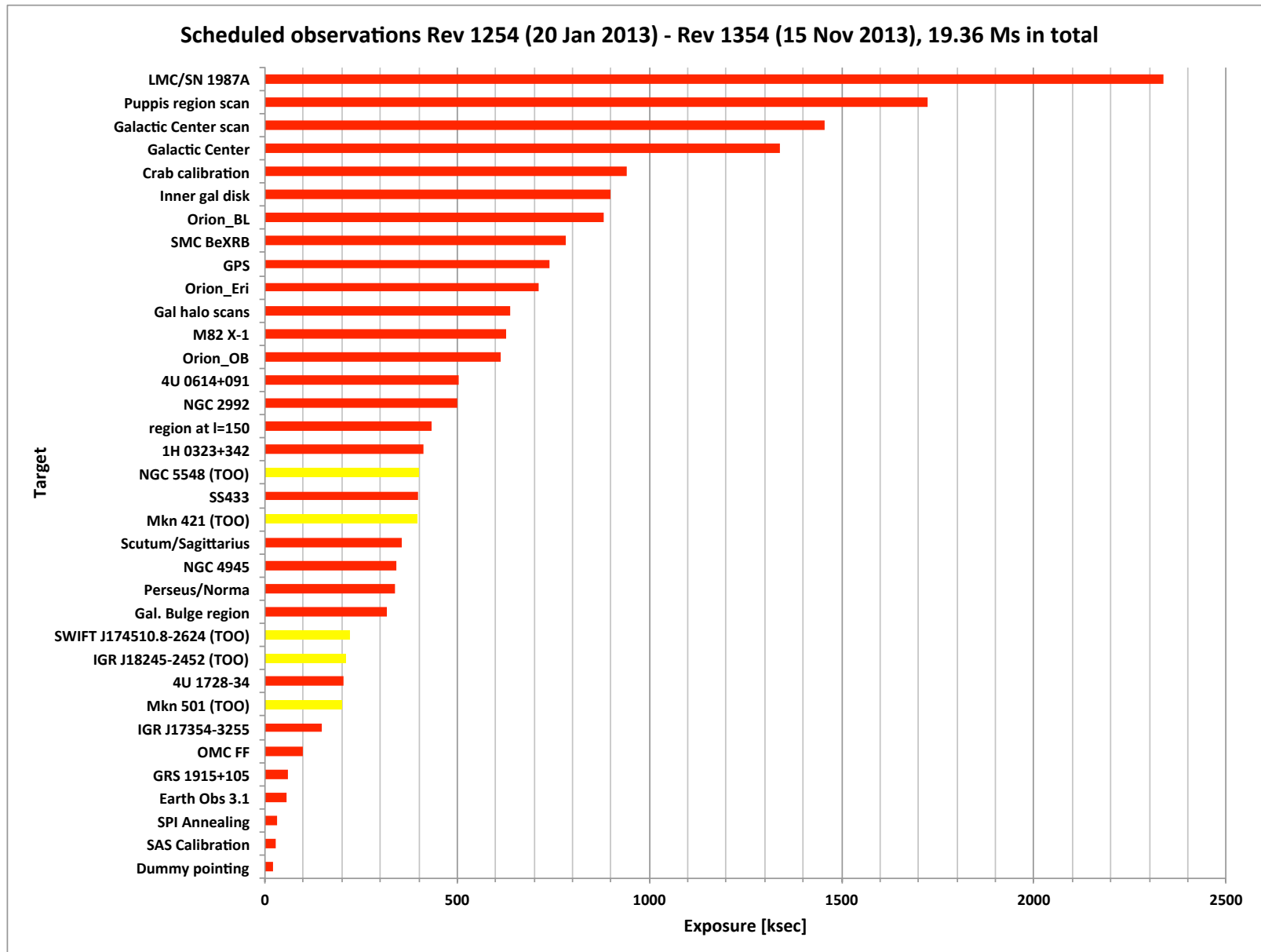


Science highlights



Outreach

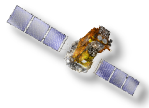
Observatory status: scheduled observations



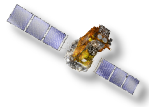
TOO follow-up observations + GRB (Jan 2013 – Nov 2013)

Trigger Date	Source	PI	Comments
06 Feb 2013	Swift J174510.8-262411	E. Kalemci	#1040025, scheduled
10 Apr 2013	IGR J18245-2452	M. Falanga	#1040025, scheduled
15 Apr 2013	Mkn 421	E. Pian	#1040014, scheduled
27 May 2013	NGC 5548	S. Paltani	# new, scheduled
12 July 2013	Mkn 501	E. Pian	# new, scheduled
13 May 2013	GRB 130513A	S. Sazonov	#1040010
14 May 2013	GRB 130514B	L. Hanlon	#1040009
03 Sep 2013	GRB 130903A	S. Sazonov	#1040010

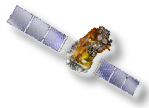
PS Status Report



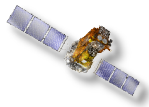
Observatory status



Community interfaces



Science highlights



Outreach

Mission Extension

- 2012 Science case (only) + apx A & B on WWW (IUG pages)
- 18 & 19 June 2013: the SPC approved the indicative extension of science operations for INTEGRAL until 31 December 2016, subject to a mid-term review in Fall 2014
- Approval achieved with savings on sci-ops budget (details see later)
- Thanks to AB and IUG for keeping science loss at tolerable level
- Preparation 2014 science case (see later)

Community Response to AO-11

AO-11 Observing proposals

- 12 April: 55 proposals
- Over-subscription in time: 2.6
- 14 KP (incl. 3 new MY-KP), 26 ToO
- TAC meeting May, recommended 45 proposals (incl 20 ToO), approved by ESA (June)
- Russian proposals: 4.9 Ms approved (vs. 6 Ms return)

AO-11 Data-rights proposals

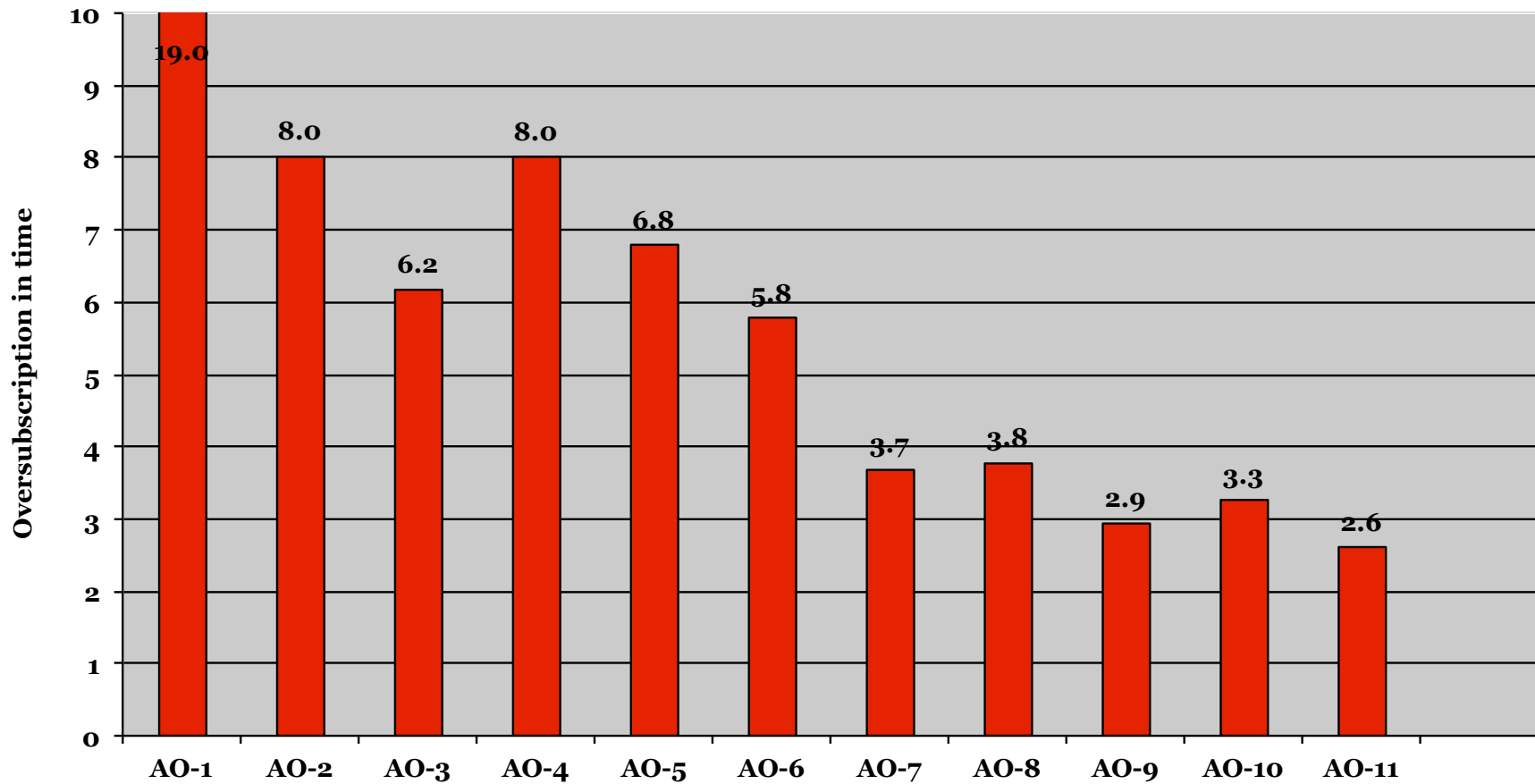
- 4 October: 31 proposals
- 109 subscribed fields
- 488 sources
- TAC recommended 28 proposals (Nov)

AO-12

- Release AO-12 for observation proposals: early April 2014 (TBC)
- **NO** Release AO-12 for data-rights proposals !!

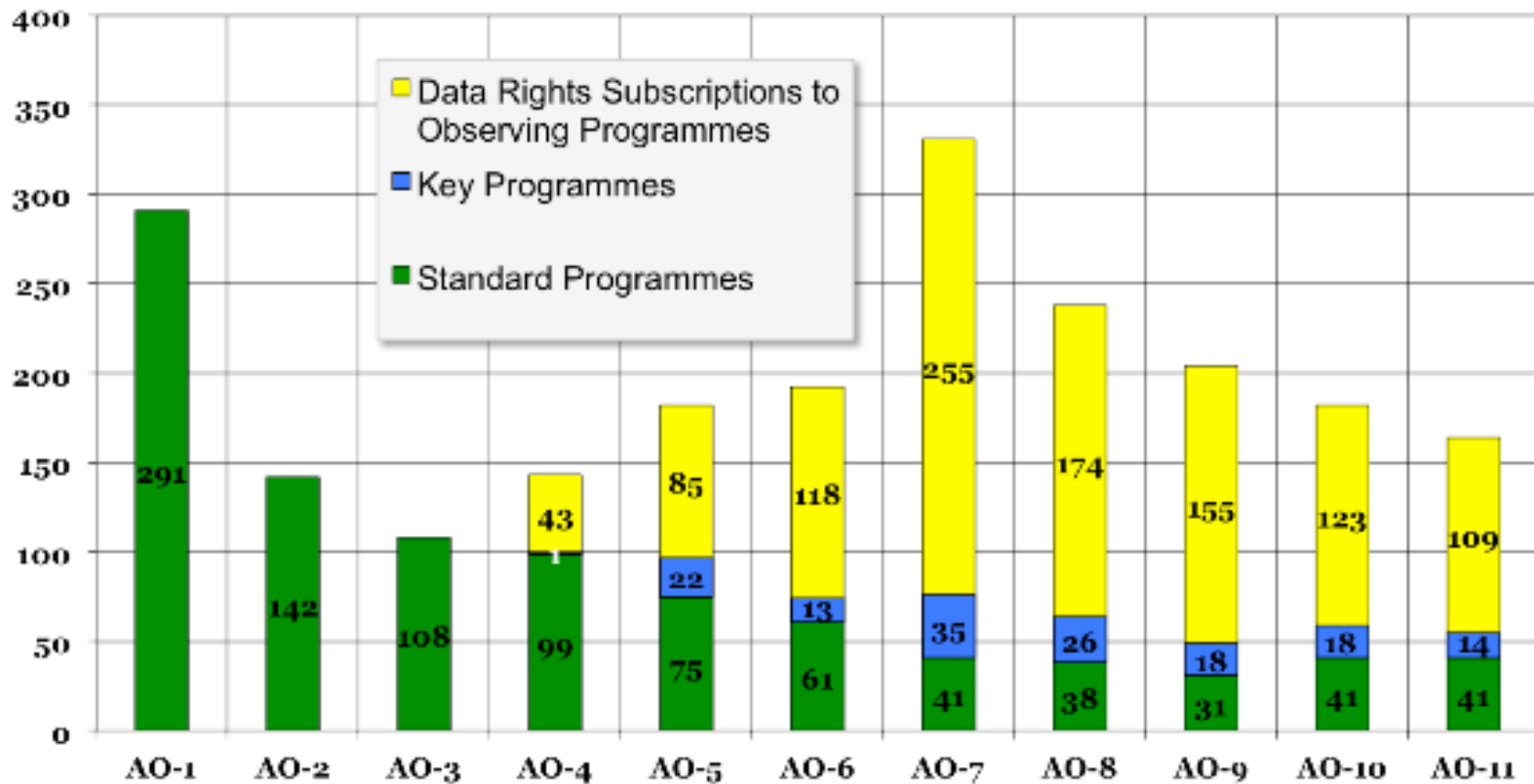
Response to AO-11

INTEGRAL AO: over-subscription in observing time

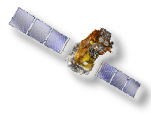


Response to AO-11

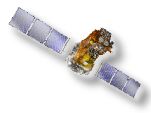
Number of observing proposals and data-rights subscriptions received in response to INTEGRAL AO



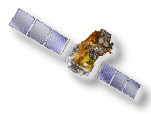
PS Status Report



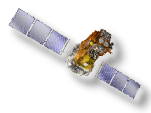
Observatory status



Community interfaces



Science highlights

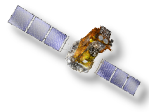


Outreach

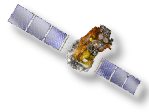
Science highlights (in 2013)

Title	Reference
Swings between rotation and accretion power in a binary millisecond pulsar	A. Papitto et al. Nature 501, 517, 2013
Kinematics of massive star ejecta in the Milky Way as traced by ^{26}Al	K. Kretschmer et al, A&A in press, arXiv:1309.4980
NuSTAR and INTEGRAL observations of a low/hard state of 1E1740.7-2942	L. Natalucci et al., ApJ in press, arXiv:1310.7870
INTEGRAL observations of SS433: system's parameters and nutation of supercritical accretion disk	A.M. Cherepashchuk et al., MNRAS in press, arXiv:1309.2440
Hard-X-ray spectra of active galactic nuclei in the INTEGRAL complete sample	M. Molina et al., MNRAS 433, 1687, 2013
The polarized gamma-ray burst GRB 061122	D. Götz et al., MNRAS 431, 3550, 2013
Population of persistent high-mass X-ray binaries in the Milky Way	A. Lutovinov et al., MNRAS 431, 327, 2013
Observation of SN2011fe with INTEGRAL. I. Pre-maximum phase	J. Isern et al., A&A 552, 97, 2013
Tidal disruption of a super-Jupiter by a massive black hole	M. Nikolajuk & R. Walter, A&A 552, 75, 2013
Distribution of High-mass X-Ray Binaries in the Milky Way	A. Coleiro & S. Chaty, ApJ 764, 185, 2013
Deep hard X-ray survey of the Large Magellanic Cloud	S. Grebenev et al., MNRAS 428, 50, 2013

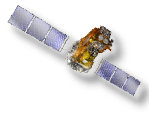
PS Status Report



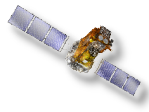
Observatory status



Community interfaces



Science highlights



Outreach

Outreach: status since last meeting (January 2013)

Web-stories	
High mass X-ray binaries trace the Milky Way's spiral arms (Coleiro & Chaty)	4 March 2013
Black hole wakes up and has a light snack (Nikołajuk & Walter)	2 April 2013
Volatile pulsar reveals millisecond missing link (Papitto et al.)	25 September 2013
Debris from stellar explosions in the Galaxy's fast lane (Kretschmer et al.)	19 November 2013

Average # stories in

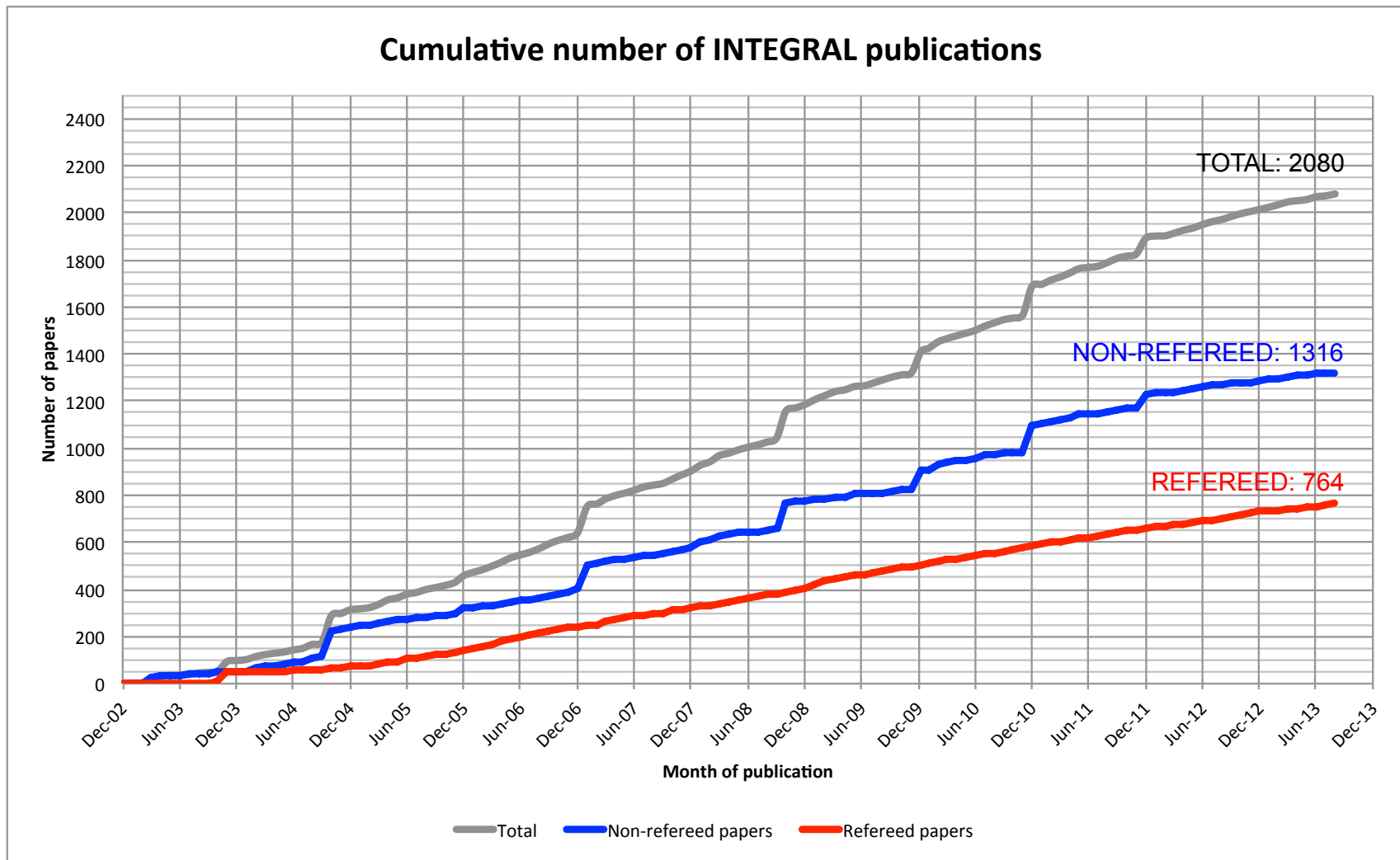
2013
2012
2011
2010

4
7
9
6

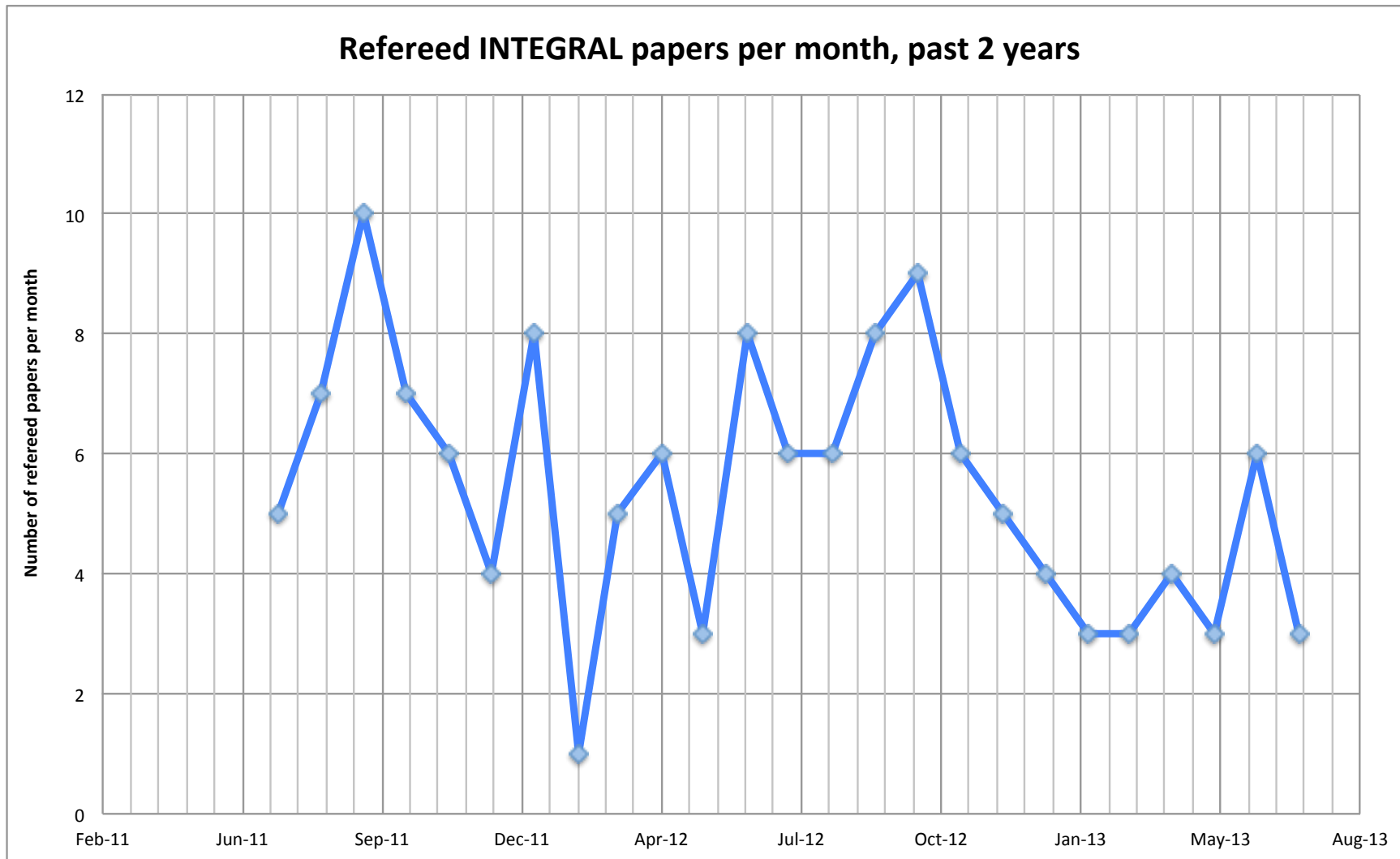


Suggestions and proposals for new outreach products to Erik, please

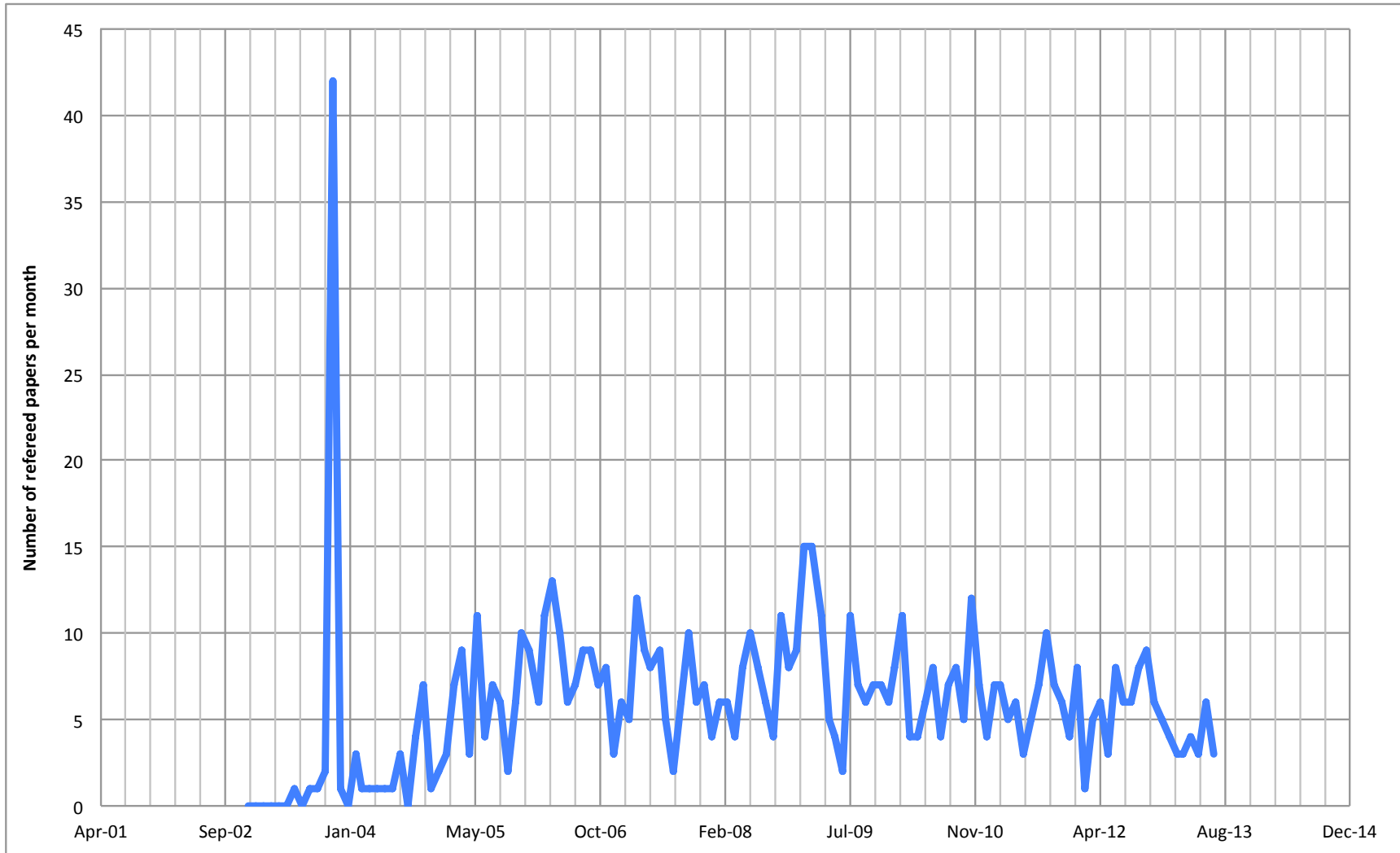
Publications (Oct 2002 – Aug 2013)



Monthly publication rate



Monthly publication rate, entire mission



Miscellany

- Erik has taken over as Project Scientist from Chris on 1 September 2013
- Without the IUG, and its continued and strong support to Chris from 2005 to 2013, and the ISWT from 1995 to 2005, INTEGRAL would not be where it is now: in excellent shape !!

» THANK YOU !!



E. Kuulkers | IUG | 26 Nov 2013

