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Paris, 12 March 2007

To: Science Community  
SPC, SSAC and Science Working Groups

**INTEGRAL Announcement of Opportunity for AO-5 Cycle Observation  
Proposals and for Obtaining Data Rights to Targets within Previously Approved  
Key Programmes**

Dear Colleague,

I am very pleased to invite you to respond to the 5<sup>th</sup> “Announcement of Opportunity” by submitting proposals for observations to be performed with the International Gamma-ray Astrophysics Laboratory (INTEGRAL) satellite or for obtaining data rights to targets within the previously approved Key Programmes.

The gamma-ray observatory INTEGRAL is the second medium-sized mission of ESA’s Horizon 2000 Science Programme. It was launched on a Proton rocket on 17<sup>th</sup> October 2002 and offers astronomers a unique opportunity to perform high resolution spectroscopy in the energy range from 20 keV to 8 MeV (Spectrometer SPI) and high angular resolution imaging in the energy range from 15 keV to 10 MeV (Imager IBIS). Concurrent monitoring of high energy sources is performed by the co-aligned monitors in the 3 keV to 35 keV X-ray band (X-ray Monitor JEM-X) and in the optical wavelengths (V, 500 – 600 nm) by the Optical Monitoring Camera OMC.

This Announcement solicits proposals for observations to be carried out in the period from August 2007 to August 2008. Proposers from all over the world are welcome to participate. All proposals will be subject to an independent peer review by the INTEGRAL Time Allocation Committee (TAC). Potential proposers are expected to prepare and submit proposals in electronic form by the deadline given below using the INTEGRAL Proposal Generation Tool software. The documentation, list of approved Key Programme observations and proposal submission and support software for this Announcement are being made available via the Internet at:

<http://integral.esac.esa.int/>

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The key milestones for this Announcement are:

Release of Announcement of Opportunity:	12 March 2007
Due date for Proposals:	20 April 2007, 14:00 CET
Final TAC approved programme:	June 2007
Start of AO-5 Observations:	16 August 2007

I wish you success with your proposals to use the INTEGRAL observatory.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'D Southwood', with a stylized, cursive script.

David Southwood  
Director of the ESA Scientific Programme

Copy: SCI-S, M.F. Kessler, J. Clavel, A. Parmar, C. Winkler, P. Kretschmar