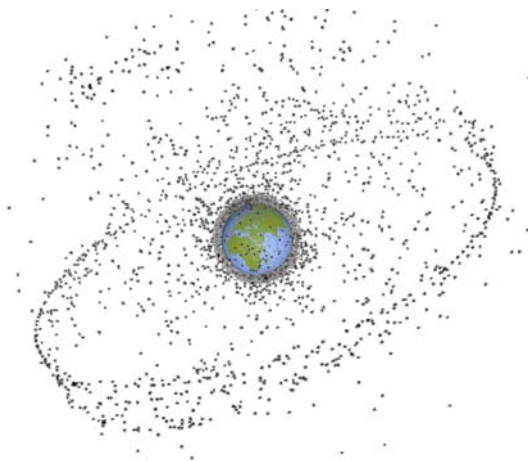


Second Announcement

FIFTH EUROPEAN CONFERENCE ON SPACE DEBRIS

ESA/ESOC
Darmstadt, Germany

30 March – 02 April 2009



Abstract Submission

Authors are invited to submit their abstracts according to the following procedure. The abstract (approximately 500 words) should clearly outline the paper's major elements of interest and its originality. Papers will be selected on the basis of:

- general interest of the subject and relevance to the conference topics
- quality of the content
- originality of the ideas presented

Papers must be submitted in English, according to the "instructions to authors". English will also be the working language at the conference.

**Abstracts should be submitted by
14 Dec 2008**

Please follow the instructions for the abstract style and abstract submission procedure at:

<http://www.congrex.nl/09A03>

Exhibition

A limited number of exhibition opportunities for products and services are available during the conference (details will soon be published on the conference web site).

Important Dates

14 Dec. 2008	Deadline for abstracts
20 Jan. 2009	Program Committee Mtg.
31 Jan. 2009	Notification of Authors
13 Feb. 2009	Final Program
29 Mar. 2009	Deadline for papers
29 Mar. – 02 Apr. 2009	Fifth European Conference on Space Debris
June 2009	Distribution of proceedings

Conference Venue

European Space Operations Centre
ESA/ESOC, Robert-Bosch-Strasse 5
64293 Darmstadt, Germany

Registration Fees

Early registration: €250 (students €125)
After 31 Jan. 2009: €300 (students €150)
Fees include proceedings on CD-ROM,
reception, lunches and coffee breaks.

Point of Contact

Space Debris Conference website:
www.congrex.nl/09A03

ESA Conference Bureau
ESA/ESTEC
P.O. Box 299
2200 AG Noordwijk
The Netherlands
Tel: +31 71 565 5005
Fax: +31 71 565 5658
e-mail: esa.conference.bureau@esa.int

Conference Scope

European Conferences on Space Debris are the largest dedicated gatherings on the subject. Internationally renowned scientists, engineers, operators and policy makers meet here to discuss different aspects of space debris research, including measurement techniques, model theories, risk analyses, mitigation concepts, and policy issues.

During four days, in two parallel sessions, the Fifth European Conference on Space Debris will provide a forum for presenting and discussing results, and for defining future directions of research. Special sessions will be devoted to space surveillance and related pre-cursor activities within Europe.

The conference will provide a unique forum for information exchange, technical discussions and networking between debris researchers, engineers and policy makers of industry, space operators, space agencies, institutional organizations, academia, and the defense sector.

Main Topics

The conference will adopt, as a special theme, the topic of space surveillance, focusing on:

- space surveillance techniques
- space object catalogs
- system studies for a European space surveillance system

The conference program will also highlight all classical disciplines of space debris research:

- radar, optical & in-situ measurements
- debris environment modeling
- on-orbit & re-entry risk assessments
- orbit prediction & determination
- debris mitigation principles
- hypervelocity impacts & shielding
- standardisation & policies

Program Outline

March 30, 2009:

- a.m.: opening session (plenary)
- p.m.: (1) surveillance I, (2) modeling

March 31, 2009:

- a.m.: (1) surveillance II, (2) modeling & meas.
- p.m.: technical & cultural tour to Speyer

April 1, 2009:

- a.m.: (1) mitigation, (2) measurements
- p.m.: (1) protection, (2) risk analysis

April 2, 2009:

- a.m.: (1) standards & policies, (2) orbits
- p.m.: closing session (plenary) & press briefing

The final conference program will be established at the Program Committee meeting, on the basis of the abstracts received.

Program Committee

Chair: H. Klinkrad

Honorary co-chair: W. Flury

Members: F. Alby, Ch. Bonnal, N. Bobrinsky, R. Crowther, J.M. Contant, G. Drolshagen, M. Lambert, L. Leushacke, C. Portelli, F. Schäfer, T. Schildknecht, K.U. Schrogl, T. Sgobba, U. Wirt

Secretary: H. Krag

Organizers

The conference is organized and hosted by the Space Debris Office of the European Space Agency, at the European Space Operations Centre.



Co-Sponsors

The conference is co-sponsored by COSPAR, IAA, ASI, BNSC, CNES and DLR.



