

DRAFT PAPER SUBMISSION

For draft and final paper submission EDAS - a conference managing system - is to be used. If you don't have your own EDAS account yet, please create one at <http://www.edas.info>. Ensure that your complete affiliation including your postal address, phone, fax and E-Mail is up to date.

To register and submit your draft paper, log into EDAS and press "Submit Paper". Paper submission is in two steps: Paper registration and draft paper PDF submission. During paper registration you will be asked to indicate:

- the paper title
- a short paper abstract (not more than 5 lines)
- the paper category (please give your preference: Oral Presentation, Poster Presentation, Student Paper)
- the most suitable topic area from the list of conference topics (1 to 3 selections possible)

The actual draft paper submission or draft paper updates may be done any time after the paper has been registered, but not later than

30. September 2007.

Note that only PDF file format is accepted.

Each draft paper should clearly and concisely state the problem addressed, describe to a certain detail the methodology used (e.g. including images), contain the current results and summarize the central conclusions. The title of the paper should clearly convey the essence of the work. Please avoid unusual acronyms. The submitted draft paper must be AT LEAST TWO PAGES but should not exceed four pages.

Authors will be kept informed via E-Mail once they have registered their papers in EDAS. For help, please send an E-Mail to eusar2008@astrium.eads.net.

PAPER SUBMISSION

Authors will be asked to submit final manuscripts of their papers after their submitted abstract has been accepted by the reviewers. The final paper in PDF format will be published in the Proceedings of **EUSAR 2008**, also available as CD-ROM. The conference proceedings will only contain papers that are presented in the conference. Therefore, at least one author must register by

01. March 2008

Late registration or late final paper submission will result in the papers being excluded from the conference proceedings.

IMPORTANT DATES

Deadline for draft paper submission: 30. September 2007
Notification of paper acceptance: 15. December 2007
Deadline for final paper submission and conference registration: 01. March 2008
Tutorials: 01. June 2008
Conference **EUSAR 2008**: 02.-05. June 2008
Technical Tour: 06. June 2008

THE CONFERENCE SITE

Friedrichshafen is the center of one of the most beautiful regions in the south of Germany, situated directly on the Lake Constance before the majestic panorama of the Swiss Alps. The place is famous for charming towns and historic castles in the middle of excellent vineyards.

But the area is also known for "high tech" companies in aerospace and electronics. They have their seeds in Graf von Zeppelin who build his famous rigid airships (Zeppelin) in Friedrichshafen, and founded the first air ship company of the world there.



Another important person in Friedrichshafen's history was the engineer Claude Dornier. He built various revolutionary aircraft such as the famous flying boat Do-Wal.

The current EADS Astrium GmbH company has evolved from the former Dornier GmbH.

The Graf-Zeppelin-Haus in Friedrichshafen was already host of an earlier **EUSAR** and is a very popular venue for such occasions. Besides, it is sited directly on the shore of Lake Constance. There are many sites of historical interest in the locality, particularly concerning the honorary citizen Dr. e.h. Ferdinand Graf von Zeppelin.

Please be our guest at **EUSAR 2008** in Friedrichshafen.

GENERAL INFORMATION

The conference will be opened by a Plenary Session. It is intended to invite speakers from agencies, ministries and research institutions. During the international technical program about 300 oral contributions will be presented including several invited papers and special sessions. There will be also an interactive poster session. The Best Paper, Best Poster and Best Student Awards will be presented on the last day of the conference. A special event program will be organised following the tradition of the EUSAR conferences.

TUTORIALS

EUSAR 2008 will offer full-day tutorial courses including topical areas as polarimetry, interferometry, Pol-InSAR and bi-/multistatic SAR. The tutorial courses will be held on Monday, 01. June 2008 at the conference site and will include principles and basic theory, overview of applications and sensors systems. The tutorials are addressed to all **EUSAR** participants who are interested in these topics, with minor and advanced technical knowledge on the particular field. Final information about the tutorials will be given as the Advance Program becomes available (beginning 2008).

COMMERCIAL EXHIBITION

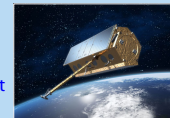
For additional information concerning the commercial exhibition contact

vde-conferences@vde.com

INFORMATION AND ORGANIZATION

For up-to-date conference information use the web site: www.eusar.de.

- For questions concerning organization (registration, hotel reservation, etc.), please contact:
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E-Mail: vde-conferences@vde.com
- For questions concerning abstracts, papers, conference program, please contact:
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- For questions concerning the tutorials, please contact:
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EUSAR 2008 Tutorial Organization
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Call for Papers

EUSAR 2008
7th European Conference
on Synthetic
Aperture Radar

02.-05. June 2008
Graf-Zeppelin-Haus, Friedrichshafen, Germany

Organized by
ITG/VDE



Technically sponsored by
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7th European Conference on Synthetic Aperture Radar

EUSAR, the European Conference on Synthetic Aperture Radar, is an international conference dedicated to SAR techniques, technology and applications. The first EUSAR was held in the year 1996 in Königswinter, continued 1998 in Friedrichshafen, 2000 in Munich, 2002 in Cologne, 2004 in Ulm, and 2006 in Dresden.

EUSAR has accompanied the worldwide evolution of high resolution imaging radar, both airborne and space-borne, and has helped to establish an international community of SAR engineers and scientists. As in previous years, **EUSAR 2008** will provide a forum for exchanging information and discussion on a wide variety of SAR topics, representing the latest SAR developments. You are cordially invited to participate in **EUSAR 2008**, and visit the beautiful city of Friedrichshafen.

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Conference Topics

- (A) SAR/ISAR Systems and Sensors
 A1 Airborne SAR-Systems and Missions
 A2 Space-borne SAR Systems and Missions
 TerraSAR-X, RADARSAT 2, COSMO-SkyMed, ...
 A3 Inverse SAR Systems (ISAR)
 A4 SAR System Simulation and Modelling
 A5 Advanced SAR Modes (ScanSAR, TOPS, Spotlight, Squint, Bistatic)
 A6 Very Low Frequency SAR Systems
 A7 Ultra Wide Bandwidth and High Resolution SAR
- (B) SAR/ISAR Technology
 B1 SAR Antennas, T/R Modules, and Phased Arrays, Digital Beam Forming
 B2 SAR Technology (Waveform Generators, High Speed AD-Converters, ...)
 B3 SAR Calibration and Verification (Radiometric, Polarimetric and Interferometric)
 B4 Terrestrial SAR Tools, Artificial Targets and Transponders
 B5 Urban SAR Surveillance
- (C) SAR/ISAR Signal Processing
 C1 SAR Image Generation, Motion Compensation and Geocoding (ScabSAR, TOPS)
 C2 Signal Processing for Advanced SAR Modes (Spotlight, Squint, Bistatic)
 C3 ISAR Signal Processing
 C4 Along and Across-Track Interferometry
 C5 Multiple Pass, Differential Interferometry and SAR Tomography
 C6 Polarimetry and Polarimetric Interferometry
 C7 Spaceborne Moving Target Detection, STAP, Change Detection
 C8 On-Board/Real-Time SAR Processing
- (D) SAR/ISAR Data Evaluation and Handling
 D1 Post-Processing Techniques
 D2 Image Filtering, Correction and Enhancement
 D3 Feature Extraction and Analysis, Image Classification
 D4 Data Mining and Value-Adding
 D5 Data Compression
 D6 Archiving, Data Formats and Distribution
 D7 Data Fusion
 D8 Product Validation
- (E) Innovative SAR Concepts and Applications
 E1 Next Generation SAR Systems, Innovative SAR Concepts
 E2 Bi- and Multistatic SAR Systems, Passive SAR Systems
 E3 Multimode and Reconfigurable SAR Systems
 E4 Multi-Satellite and Small Satellite SAR Systems
 E5 Three Dimensional SAR Techniques
- (F) Other SAR Related Subjects

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SAR image from the conference site