DRAFT PAPER SUBMISSION

Draft and final paper submission is performed via the conference managing system EDAS. If you don't have your own EDAS account yet, please create one at http://www.edas.info.

Ensure that your complete affiliation including postal address, phone number and e-mail address are up-to-date. To register and submit your draft paper, log into EDAS, press "Submit Paper" and then the EUSAR 2016 submit button. Paper submission consists of two steps: paper registration and paper upload. During paper registration you will be asked to indicate:

• Title of the paper
• Keywords, separated by semicolons
• Add all authors as indicated in your draft paper PDF file
• Paper abstract in plain text (10...100 words)
• Paper category (please indicate your preference: Oral / Poster Presentations, and if applicable Student Paper Award)
• At least one and up to three most suitable topic areas, to be chosen from the list of conference topics.

Draft paper submissions or draft paper updates may be carried out any time after paper has been registered, but no later than the draft paper submission deadline:

31. October 2015.

Note: Only submissions in PDF format are accepted!

Each submitted paper should clearly and concisely state the problem addressed, describe 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 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 assistance, please contact eusar@airbus.com.

FINAL PAPER SUBMISSION

Authors will be asked to submit their final paper after their submitted draft paper has been accepted by the reviewers. The final paper in PDF format will be published in the proceedings of EUSAR 2016. To be included in the proceedings at least one author has to register and pay the registration fee, at the latest by

01. April 2016.

One author may register up to two papers. For additional papers a surcharge must be paid. In case of late registration or late final paper submission the paper will be excluded from the conference proceedings.

IMPORTANT DATES

• Deadline for draft paper submission: 31. October 2015
• Notification of paper acceptance: 15. January 2016
• Deadline for final paper submission
  and for authors conference registration: 01. April 2016
• Tutorials: 06. June 2016
• Conference EUSAR 2016: 07.-09. June 2016
• Technical Tour: 10. June 2016

ABOUT HAMBURG

Hamburg is with 1.8 million inhabitants the second largest city in Germany and the eighth largest city in the European Union. The official name (Free and Hanseatic City of Hamburg) reflects its history as a member of the medieval Hanseatic League, as a free imperial city of the Holy Roman Empire, a city-state, and one of the 16 states of Germany.

Hamburg is a major transport hub which is the second largest port in Europe and tenth largest wordwide, and is one of the most affluent cities in Europe. It has become a media and industrial centre, with plants and facilities belonging to Airbus, Blohm+Voss and Aurubis. The radio and television broadcaster Norddeutscher Rundfunk and publishers such as Gruner+Jahr and Spiegel-Verlag are pillars of the important media industry in Hamburg. Hamburg has been an important financial centre for centuries, and is the seat of the world's second oldest bank, Berenberg Bank. There are more than 120,000 enterprises.

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 250 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 organized following the tradition of the EUSAR conferences.

AWARDS

Awards are planned for the Best Paper, Best Poster and for the three Best Student Papers. For the Student Awards the paper must not exceed two authors and the first author must be a student or a PhD candidate. During the paper registration process or later in the EDAS system this circumstance has to be indicated by checking the Student Paper Competition check box, if the paper shall be considered for the Student Award. All Awards will be presented on the last day of the conference.

TUTORIALS

EUSAR 2016 will offer full-day tutorial courses covering different aspects of SAR techniques and applications. The tutorial courses will be held on Monday, 06. June 2016 at the conference site and will include principles and basic theory, overview of applications and sensor systems. The tutorials are addressed to all EUSAR participants who are interested in these topics, with rudimentary to advanced technical knowledge in the particular field. Final information about the tutorials will be provided with the advanced program to become available early in 2016.

COMMERCIAL EXHIBITION

For additional information concerning the commercial exhibition contact: **vde-conferences@vde.com**

INFORMATION AND ORGANIZATION

For up-to-date conference information visit our web site:
www.eusar.de

• For questions related to the conference organization (registration, hotel reservation, etc.), please contact:
  Ms. Hatice Altintas
  EUSAR 2016 - Conference Office c/o VDE
  Stresemannallee 15
  60596 Frankfurt, Germany
  Phone: +49 (0) 69 6308 -477 | Fax: -144
  E-mail: hatice.altintas@vde.com

• For questions concerning abstracts, papers, conference program, please contact:
  Mr. T. Fügen or Mr. G. Adamiuk
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  88090 Immenstaad, Germany
  Phone: +49 (0) 7545 8-8697
  E-mail: eusar@airbus.com

Call for Papers

EUSAR 2016

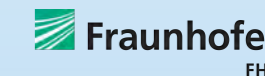**11th European Conference on Synthetic Aperture Radar**

06.-09. June 2016
CCH Hamburg

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EUSAR, the European Conference on Synthetic Aperture Radar, is the world leading international conference dedicated to SAR techniques, technology and applications.

EUSAR has accompanied the worldwide evolution of high resolution imaging radar, both airborne and spaceborne, and has helped to establish an international community of SAR engineers and scientists. As in previous years, **EUSAR 2016** 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 2016** to be held in Hamburg, German's gateway to the world.

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Conference Topics

(A) SAR Systems and Sensors
A1 Spaceborne SAR Systems and Missions
A2 Airborne SAR Systems and Missions
A3 Ground-Based SAR
A4 Inverse SAR (ISAR)
A5 SAR System Simulation and Modeling
A6 Next Generation SAR Systems and Missions

(B) SAR Technology and Calibration
B1 Antennas
B2 Components and Subsystems
B3 Technology Demonstrations
B4 Advanced SAR Modes and Techniques
B5 Calibration and Verification

(C) SAR Processing
C1 SAR Image Generation, Motion Compensation, and Geocoding
C2 ISAR Signal Processing
C3 Image Filtering, Correction, and Enhancement
C4 MTI, GMTI, and STAP
C5 Interferometry (Cross-Track, Along-Track, Differential, PS, …)
C6 Tomography, Holography, and 4-D SAR
C7 Advanced Processing Techniques (Compressive Sensing, Multi-Aperture, MIMO, …)

(D) SAR Data Evaluation and Modeling
D1 Electromagnetic Modeling and Wave Propagation
D2 Polarimetry
D3 Polarimetric Interferometry
D4 Segmentation, Feature Extraction, and Analysis
D5 Image Filtering, Correction and Enhancement
D6 Classification
D7 Product Validation, Data Fusion and Value Adding

(E) SAR Applications
E1 Land Use and Land Cover
E2 Urban Areas
E3 Soil and Vegetation
E4 Maritime and Ocean
E5 Snow, Ice, and Glacier
E6 Topography and Solid Earth
E7 Surveillance, Security, and Disaster
E8 Other Applications

(F) Other SAR Related Subjects

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