



4TH INTERNATIONAL ARA DAYS

May 27-29, 2013 Arcachon – France

GENERAL LOCATION

Palais des Congrès d'Arcachon
Boulevard Veyrier Montagnères
33120 Arcachon – FRANCE
(3/4 hour drive from Bordeaux International Airport)

LANGUAGE

Papers will be presented in English. Simultaneous translation facilities will not be available.

SECRETARIAT



All correspondance and inquiries should be sent to the conference secretariat.

Avantage Aquitaine – 42, rue de Tauzia 33800 Bordeaux – France

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Image : www.art-gedda.com • Conception graphique : Sophie Bougnon : sophie.bougnon@str.fr



THE ATMOSPHERIC REENTRY ASSOCIATION

Presents the

4TH INTERNATIONAL ARA DAYS

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CALL FOR PAPERS



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*Dear madam, dear sir,
dear professionals of the atmospheric reentry,*

After the success of the 2006, 2008 and 2011 editions of the Atmospheric Reentry Association Conference, I am pleased to inform you that the Association Board entrusted me to organize a 4th edition of this traditional "Arcachon rendez-vous" of the Atmospheric Reentry community.

The conference will once again bring together in the usual friendly way, scientists from the academic community and industry, students, research and development engineers, management delegates from prime contractors and suppliers companies, agencies representatives, end-users representatives.

Some months after an European Space Agency Council at Ministerial level, the symposium will give the opportunity to exchange on the latest developments and projects dealing with Atmospheric Reentry.

A special emphasis will be given to the evolution of ESA initiatives for vehicles servicing the International Space Station, and also to ESA demonstrators projects: EXPERT program, IXV project.

Exploitation of German SHEFEX II flight test, preparation of SHEFEX III and REX, Italian USV flight tests and PRIDE initiative will be debated.

US Space Shuttle retirement and alternatives for ISS servicing lead to very fast development in the USA: lessons learned from Space X Dragon capsule will offer the opportunity of outstanding presentations.

Latest development of Entry, Descent and Landing Systems for planetary exploration missions will be presented, including activities at Research & Technology level.

Last, but not least, the Conference will take into account the evolution of space regulations, the ESA Cleanspace initiative, and will debate on the growing topic of controlled reentry of space debris: LEO satellites at end of operational life, launchers upper stages, orbital servicing vehicles.

I am looking forward to meeting you again in a sunny Arcachon, and meanwhile I thank you in advance to widely distribute this Call for Papers amongst your partners and relatives.

Yours faithfully,

THIERRY LEVEUGLE
PRESIDENT, THE ATMOSPHERIC REENTRY ASSOCIATION

Call for papers

Authors are invited to submit papers covering subjects such as:

- Atmospheric entry programs/systems/missions
- Lessons learned from previous development and/or flight experience
- New re-entry vehicles design and developments
- Entry vehicles system design
- Development and qualification logic
- Re-entry and landing concepts for experimental/operational Systems
- Advanced techniques and technologies to be mastered for re-entry vehicles
- History of re-entry vehicles/systems
- Space debris controlled reentry

**Authors should submit before :
December 31st, 2012**

- An abstract describing the topic and interest of the presentation (300-500 words), saved as a Word document (.doc). Significant aspect of the work to be presented shall be highlighted. The abstracts should be sufficient to enable reviewers to determine quality, scope, significance and current completion status of the information that will be submitted in the final paper.
- Title of the conference, Prime author, Co-authors and companies, coordinates (complete mailing address, phone and fax numbers, E-mail address) of the prime author.

When making a submission, please do so with the understanding you are making a statement of your intentions to participate in and be available to the Conference.

**These documents should be sent to:
jfb@avantage-aquitaine.com
AVANTAGE AQUITAINE
42, rue de Tauzia
33800 Bordeaux – France**

KEY DATES

- Deadline for abstracts submission: **December 31st, 2012**
- Paper acceptance notification to authors: **February 1st, 2013**
- Distribution of final programme and registration form: **March 1st, 2013**