

## PANEL WORKSHOPS

One or two Panel Workshops are planned: The first on Wednesday, 2nd June 2010, and a possible second on Thursday, 3rd June 2010, in the afternoon.

The Programme Committee will select the topics in February 2010.

Workshops are arranged as discussions in plenum within a selected topic introduced by the Panel Workshop Chairman and further analysed through short presentations by selected experts or users.

Conference participants will be free to participate with unplanned contributions in the Panel Workshops. However you are encouraged to forward as soon as possible and before 15th January 2010, proposals for panel topics that you wish to be considered. These will be reviewed and you will be contacted after the February 2010 Programme Committee meeting concerning the outcome and your presentation.

## CALL FOR PAPERS

Speakers are invited to announce their intention of submitting a paper as soon as possible, and at the latest **15th January 2010**, by sending a three-five page abstract - no less than three and no more than five - by e-mail and in pdf-format to EUROSPACE ([claire.guilly@eurospace.org](mailto:claire.guilly@eurospace.org)).

At the top of the first page the following information should be centred: The title, the authors' full name and affiliation, mail address, phone, fax and e-mail.

**Important:** Please, also provide in the email the name of the person to contact for the paper, the person who will do the presentation, as well as possible constraints linked to the presentation (pending rights of publishing, etc.).

The selection of papers will take place in February and distribution of the full Conference Programme in March 2010.

Authors will be requested to provide their full text to the editor of the Proceedings during the Conference. Full proceedings will be published after the Conference.

## TIME SCHEDULE AT A GLANCE

15th January 2010	Deadline for submission of abstracts
15th January 2010	Deadline for submission of proposals for Panel Workshop themes
February 2010	Selection of papers and preparation of the Conference Programme
March 2010	Distribution of the Invitation letter together with Registration and Room Reservation Forms. The Conference Programme can be found on the Eurospace website: <a href="http://www.eurospace.org">www.eurospace.org</a>
<b>16th May 2010</b>	<b>Deadline for Room Reservation</b>
<b>16th May 2010</b>	<b>Deadline for Registration</b>
1st June 2010	Start of the Conference

## CONFERENCE FACILITIES

All conference facilities are located at the Intercontinental Hotel in Budapest where also accommodation at special rates is arranged.

## ACCOMMODATION AND COSTS

A Conference fee of **€900** will be requested from all participants, including speakers and chairmen. This fee will cover lunches, coffee breaks, buffet reception and proceedings.

The fee for vendor and tool exhibitors will range from **€3400 (9 m<sup>2</sup>)**, **€4100 (12 m<sup>2</sup>)** to **€5000 (15 m<sup>2</sup>)**, including one attendance fee for the Conference paper presentations.

A block reservation is made at the Conference Hotel until 16th May 2010. After that date, reservation will be on request and upon availability.

Registration and Room Reservation Forms will be circulated with the invitation letter in March 2010 and can also be found on the Eurospace website.

## ORGANISING COMMITTEE

### *DASIA Conference Chairman:*

Mr. Finn HASS  
Dansenior  
Tuborgvej 18  
2900 Hellerup, Denmark  
Tel.: +45 36964856 / +45 24236957  
[hassfam@webspeed.dk](mailto:hassfam@webspeed.dk)

### *Conference Manager:*

Ms. Rosy PLET  
Tel.: +33 (0)6 60 57 76 67 or +33 (0)1 45 26 16 47  
[rosy.plet@eurospace.org](mailto:rosy.plet@eurospace.org)

### *Abstracts to be emailed in pdf-format to:*

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EUROSPACE  
15-17, avenue de Ségur  
75007 PARIS, France  
Tel.: +33 (0)1 44 42 00 70 - Fax: +33 (0)1 44 42 00 79  
[claire.guilly@eurospace.org](mailto:claire.guilly@eurospace.org)

## VENUE

Hotel Intercontinental  
Apáczai Csere J.u. 12-14  
H-1052 Budapest  
Hungary  
Tel.: +36 1 327 6333 - Fax: +36 1 327 6357  
[www.intercontinental.com](http://www.intercontinental.com)

You can also visit the EUROSPACE website: [www.eurospace.org](http://www.eurospace.org)

## First Announcement / Call for Papers

## The International Space System Engineering Conference

Technologies and methodologies for development and operation of systems, software and hardware components related to computer-based data retrieval, processing and exploitation in aerospace, telecommunication and other areas of high reliability and complexity

## DASIA 2010 DAta Systems In Aerospace

organised by



1<sup>st</sup> - 4<sup>th</sup> June 2010

Intercontinental Hotel  
Budapest, Hungary

In co-ordination with

CANADIAN SPACE AGENCY – CNES  
ESA – EUMETSAT

Abstract deadline: 15th January 2010

## CHAIRMAN AND PROGRAMME COMMITTEE

Chairman: F. Hass, Dansenior  
Head of the Eurospace S/W Engineering Panel

P. Arberet, CNES  
P. Armbruster, ESA/ESTEC  
C. Brunet, Canadian Space Agency  
K. Hjortnaes, ESA/ESTEC  
G. Moury, CNES  
B. Mullet, Eumetsat  
H. Pasquier, CNES  
P. Plancke, ESA/ESTEC

W. Busch, Astrium Space Transportation GmbH  
A. Canals, CS Communication & Systèmes, France  
A. Christen, Astrium Satellites GmbH  
J.F. Coldefy, Astrium Satellites  
P. Davies, Surrey Satellite Technology Ltd.  
C. Dionisio, Intecs  
G. Estaves, Thales Alenia Space  
R. Gerlich, BSSE System and Software Engineering  
C. Gwinner-Guilly, Eurospace  
L. Halbach, Spacebel SA  
H.V. Heyer, Kayser-Threde  
C. Jørgensen, Terma A/S  
P. Lacan, Astrium Space Transportation  
G. Lautenschläger, Astrium Satellites GmbH  
C. Lemerrier, Astrium Satellites  
G. Macchia, Space Software Italia  
A. Martelli, Thales Alenia Space Italia  
J.C. Nodet, Thales Alenia Space  
R. Plet, Eurospace  
M. Richard-Foy, Aonix  
A. Rossignol, Astrium Satellites  
M. Symonds, Logica  
R. Szczepaniak, Cortim  
R. Ward, SciSys Ltd.

## CONFERENCE RATIONALE AND SCOPE

The yearly DASIA conference was formally held for the first time in 1996 but is in direct continuation of the 'Ada in Aerospace' Conference arranged yearly since 1990 and the 'On-Board Data Management Symposium' organised several times during the same period. The DASIA conference is organised by EUROSPACE, the association of European space industry.

The focus of the conference is computer-based applications and technologies - hardware and software - for aerospace in air/space and on ground. Non-space industry and academia are strongly encouraged, however, to present their results from other applications with similar technological base and requirements for high reliability and complexity - such as transport and telecommunications.

The range of themes is from strategies, methods and tools to components, systems and applications. It covers technical as well as managerial aspects of specification, development, integration and maintenance. Themes related to applications of growth potential as well as to applications of complexity, safety and security are very welcome, e.g. communication, earth observation, remote sensing, guidance and navigation, autonomy, robotics and manned space.

## CONFERENCE THEMES: Hardware, software, components, subsystems, applications/payloads, methods, tools and management.

The following listing provides examples of themes that may be considered:

### Development and integration issues

Software Engineering: Lifecycle Phases  
Methods and Tools: Requirements, design, coding, integration and test  
Case Tools  
Languages: Ada, C++, VHDL, JAVA  
Methods: HOOD, UML, AADL  
Prototyping  
In circuit testing  
Simulation  
Reverse Engineering  
Process Modelling  
ASIC design methods and tools  
CAD  
Reuse  
COTS/OTS  
Checkout

### Architectures, subsystems, components and related themes

Real time aspects and Runtime Kernels  
Data Handling System Architectures: Processors, Bus systems  
Performance  
Reliability  
Security  
Distribution  
Autonomy  
High Speed, high performance support  
Fault Tolerance System  
Communication facilities  
Command and Telemetry facilities  
AOCS, sensors, propulsion systems  
Launchers

### Applications and Operations

Satellite Operations  
On-board and On-Ground segments for Satellite and Manned Space Systems  
Small Satellites, Micro-satellites and Constellations  
Guidance, Navigation and Control including the activities related to the Galileo System with special applications and technology as compared to GPS  
Image and Signal Processing  
Earth Observation/Remote Sensing  
Remote sensing application: Meteorology, forestry, agriculture, etc.  
GIS/Earth Observation Applications  
Communications  
Energy  
Defence  
Transportation: Trains, ships, aircraft  
Marine and submarine applications  
Traffic Control for air, land and sea

## Management and Quality Assurance

Software Best Practice and Quality  
Standards: ECSS, ISO 9000, CMM, etc.  
Quality Assurance Metrics  
Configuration Management  
Reliability and Safety  
Training and Education  
Management aspects for small and large projects

## CONFERENCE OPENING AND REGISTRATION

The Conference secretariat will open on Tuesday morning, 1st June 2010 for late registration and documentation handout and will remain in operation during the whole Conference.

The Conference opening on Tuesday morning will be composed of keynote speeches and will be followed by paper presentations.

A buffet reception is offered by EUROSPACE Tuesday evening.

## OFFICIAL LANGUAGE

The official language will be English.

## PAPER PRESENTATION SESSIONS

Four days will be assigned to paper presentation sessions. The Conference will finish around 16:00 Friday 4th June 2010.

Each presentation may last 30 minutes, including the time for discussion.

The paper abstracts will be printed and made available at the Conference registration desk.

Each session will include in average three presentations with an overall topic derived from the technology themes and application areas covered by the selected papers. There will be two parallel presentation lines with sessions arranged so as to avoid in the best possible manner overlapping sessions with related themes.

Video projectors (for PC or Mac) are available for presentations. For any further needs please contact the Conference Manager.

## VENDOR EXHIBITIONS

An exhibition area, situated next to the conference room, will be made available to companies wishing to exhibit their offerings, tools or systems at any time during the conference.

The conference programme will include breaks dedicated to visits to this area, where also coffee breaks will take place.

Companies interested are invited to contact the Conference Manager to ensure reservation of floor space and possible arrangements of special presentations.

## KEYNOTE PRESENTATIONS

Keynote presentations will be given at the Conference opening and possibly as introductions to Panel Workshops during the conference. Presentations for year 2010 are still under discussion.