SpaceWire-2011 - The Fourth International SpaceWire Conference, San Antonio, Texas

Venue:
Marriott Plaza San Antonio Hotel
555 South Alamo Street
San Antonio, TX 78205

8-10 November 2011

• Call For Papers •

SpaceWire is a leading data-handling network for use on board spacecraft.
It is simple to implement and use, and is being deployed on many space missions.

The International SpaceWire Conference aims to bring together SpaceWire product designers, hardware engineers, software engineers, system developers and mission specialists interested in and working with SpaceWire to share the latest ideas and developments related to SpaceWire technology. The conference is targeted at the full SpaceWire community including both academics and industrialists.

Abstracts are being invited for the fourth International SpaceWire Conference to be held in San Antonio, Texas, USA.

Photo courtesy of the San Antonio Convention & Visitors Bureau/ Richard Nowitz

Technical Sessions

SpaceWire Missions and Applications, which covers missions using SpaceWire, how SpaceWire has been used on existing or planned spacecraft and other applications of SpaceWire.

SpaceWire Components, which covers devices supporting the SpaceWire Standard such as sensor devices, electronic components, ASICs & FPGAs, cables and connectors.

SpaceWire Onboard Equipment and Software, which covers products supporting the SpaceWire Standard including onboard equipment, instruments and related onboard software.

SpaceWire Test and Verification, which covers the test and verification of SpaceWire components, equipment and systems including FPGA/ASIC validation techniques, cable/connector testing and approaches to system level test.

SpaceWire Networks and Protocols, which covers network architectures, configuration, discovery and "plug and play" concepts, higher-level protocols for SpaceWire and related software designs and issues.

SpaceWire Standardisation, which covers the SpaceWire Standard, new protocols being prepared for standardisations and candidates for future standardisation.

Spacecraft images courtesy of ESA, NASA, JAXA

There will also be an industrial exhibition featuring the major international suppliers of SpaceWire technology.

http://2011.spacewire-conference.org

SwRI

esa

NASA

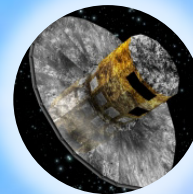Space Technology Centre
University of Dundee

Abstract Submittal and Guidelines

The deadline for abstract submission is 4 April 2011. Papers for both long and short presentations are solicited. Long papers should contain substantial new technical information while shorter papers may include reviews of SpaceWire equipment, systems and missions. Abstracts should be approximately 250 words in length and must include full contact information (company/organisation, address and email) for the corresponding author and any co-authors. Please also indicate whether the final paper will be a long (6-8 pages) or short (3-4 pages) paper and which session it should be considered for. Please refer to the "Technical Sessions" section for details. Following review by the Conference Technical Committee, authors will be notified by email whether their abstract has been accepted; authors can expect to be notified by 11 July 2011 . After selection the completed paper is required to be submitted by 22 August 2011.

Abstract templates in both Word and PDF format as well as guidelines on how to submit abstracts will be available from the conference website. Please note that abstracts should be submitted as a PDF file.

Fees and Payment Information

Fees and payment options will be detailed on the conference website.

Accommodation

Details of selected conference hotels and booking information will be available from the conference website.

Social Programme

Social and cultural activities will include:

Monday 7 November - TBA
Tuesday 8 November - Drinks reception
Wednesday 9 November - Conference gala dinner

Chairpersons

Steve Parkes	University of Dundee, Scotland
Glenn Rakow	NASA
Martin Suess	ESA
Allison Bertrand	Southwest Research Institute, USA

Submission Deadlines

- **Abstract deadline**
  - 4 April 2011
- **Paper acceptance notification**
  - 11 July 2011
- **Full paper submission**
  - 22 August 2011

Information for Exhibitors

Space will be available for industrial partners and other organisations who wish to exhibit at the conference. The exhibitor's fee will include full conference attendance for one person . Coffee breaks will be held in the exhibition room in order to maximise interaction between delegates and exhibitors.

Early expression of interest in exhibition space is recommended.

Photo courtesy of the San Antonio Convention & Visitors Bureau/ Al Rendon

Enquiries to: spacewire@computing.dundee.ac.uk

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