



# AMICSA & DSP 2016

12th - 16th of June 2016  
Gothenburg, Sweden  
Radisson Blu Scandinavia Hotel

Call for Papers - 8 December 2015  
Abstract Deadline - 15 February 2016  
Paper Acceptance Notification - 15 March 2016  
Full Paper Submission - 16 May 2016

## ESA's AMICSA

6th International Workshop on  
Analogue and Mixed-Signal Integrated  
Circuits for Space Applications  
12th - 15th June 2016

Organized in collaboration with ESA and Cobham Gaisler, provides an international forum for the presentation and discussion of recent advances in analogue and mixed-signal VLSI design techniques and technologies for space applications.

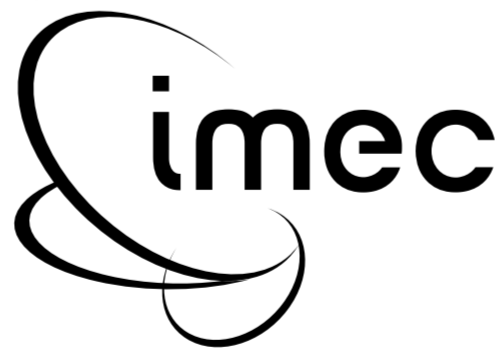
- Radiation effects on analogue and mixed-signal ICs
- Methodologies for radiation-hardening on analogue circuits at cell-, circuit- and system design level
- Radiation-hardened technologies for analogue ICs
- Radiation tests of analogue and mixed-signal ICs
- Qualifying and quantifying radiation-hardness of analogue circuits
- Space applications for analogue and mixed-signal ICs
- Analogue intellectual property and reusability of analogue circuits in space
- Needs and requirements for analogue and mixed-signal ICs in future space missions
- In-orbit experiences and flight heritage of analogue and mixed-signal ICs

## ESA's DSP Day

3rd ESA workshop on Digital Signal Processing  
for Space Applications  
15th - 16th June 2016

Organized this year in conjunction with AMICSA, provides an overview on relevant development roadmaps, updates on Digital Signal Processing technology for space applications, and the results of contractual activities for the development of DSP radiation-hardened components, related equipment, IP cores and software.

- DSP IP cores and related IP for future SoC designs
- Space qualified DSP components
- COTS DSP components for space applications
- DSP boards, software development environments, libraries and related software
- Test, verification and qualification of DSP chips
- Status and results of DSP related ESA contracts
- DSP and FPGA: synergy, competition, and future integration
- Requirements and needs for future space DSPs



Please follow the conference and workshop web site for updates and further information for authors, exhibitors and sponsors:

<http://amicsa.esa.int/2016>

Boris Glass, European Space Agency  
Roland Trautner, European Space Agency  
Sandi Habinc, Cobham Gaisler, Sweden