

The General Chairman's Address

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Welcome to these Proceedings of the 2018 Conference on Radiation Effects on Components and Systems

It is my pleasure to present these Conference Proceedings of RADECS, held from 16th to 21st of September 2018 at the Swedish Exhibition & Congress Centre in Gothenburg, Sweden. Together with my team, I truly hope that you will enjoy reading this source of documentation.

The aim of RADECS conferences is to provide an annual European forum for the presentation and discussion of the latest advances in the field of radiation effects on electronic and photonic materials, devices, circuits, sensors, and systems.

The scope of the conference encompasses technological processes and design techniques for producing radiation tolerant systems for space, aeronautical or terrestrial applications, as well as relevant methodologies for their characterization and qualification.

RADECS 2018 was hosted by Cobham Gaisler together with Cobham RAD Europe and Cobham Semiconductor Solutions with the support of the RADECS Association and the IEEE NPSS, Nuclear and Plasma Sciences Society.

Gothenburg (Göteborg), located in the heart of Scandinavia, on Sweden's west coast, is the second largest city in Sweden with a population of 550,000, easily accessible from around Europe. Gothenburg is a city that has always been open to the world.

Throughout our history we have embraced new people and new influences from outside, and through the ages the city has been developed with ideas and knowledge from around the globe.

International contacts, new influences and people are, and always have been, our strengths. With a stunning archipelago on our doorstep we hope that our attendees got a whole new conference experience!

We started the conference week with a Topical Day of short-courses on “Crossover Space: Emerging Concepts For Space Systems” with many contributing authors across scientific and industrial fields.

Along the same lines, number of submitted papers allowed us to compile for you a rich and dense technical programme I cordially invite you to discover in the Contents of these Proceedings.

I would personally like to take this occasion thanking the many hardworking people involved in the execution of this Conference.

We all warmly thank the 544 attendees, exhibitors and sponsors of the Conference on Radiation Effects on Components and Systems (RADECS) September 16-21, 2018.

Sandi Habinc
General Chair
RADECS 2018