

RADSAGA ITN consortium

CERN

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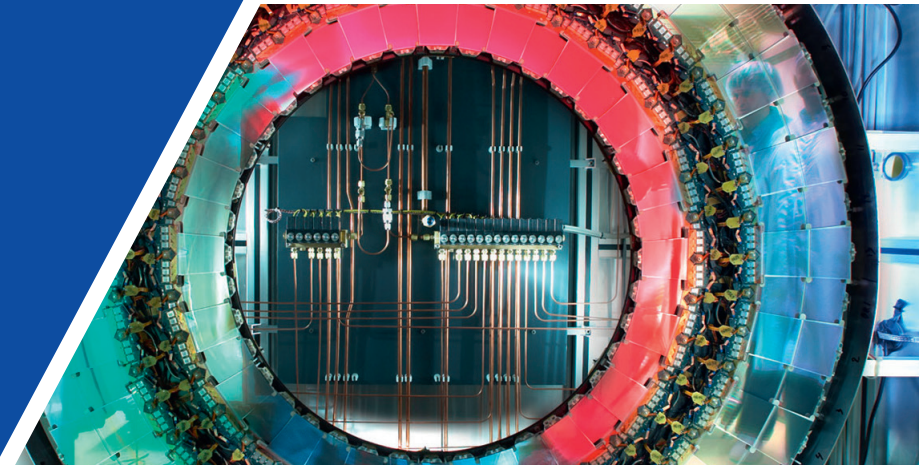
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RADiation and Reliability Challenges for Electronics used
in Space, Avionics, on the Ground and at Accelerators

A Marie Skłodowska-Curie Actions
Innovative Training Network coordinated by CERN

APPLY NOW TO DO YOUR PHD WITH RADSAGA!

RADSAGA is a Marie-Skłodowska-Curie Action, funded by the European Union's Horizon 2020
Research and Innovation programme under grant agreement 721624



@radsaga_itn

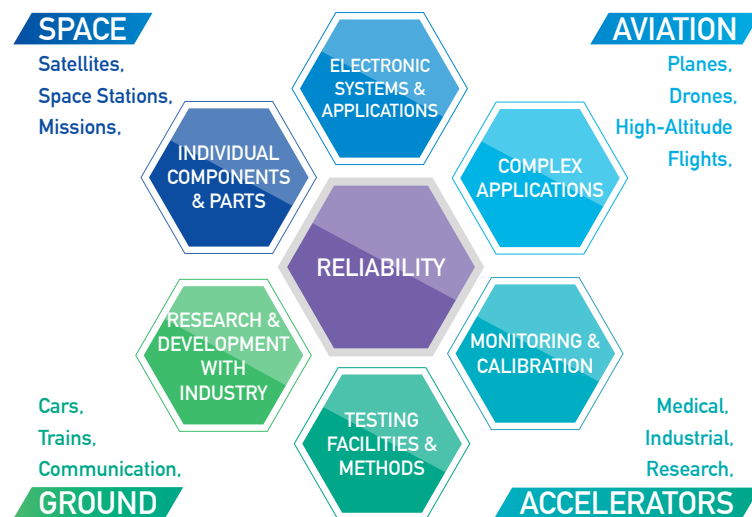


With the increasing complexity of electronics and the progressive scaling of chip technologies, electronic systems are becoming more sensitive to radiation and studies on the effects of radiation are gaining ground in sectors including aviation, automotive industry and medicine. There is a strong demand for dedicated design and qualification guidelines, as well as for skilled professionals specializing in radiation effects.

RADSAGA's research and development concentrates on four distinct areas:

- Experimental facility dosimetry methods focusing on emerging experimental techniques and radiation effects
- Development and qualification of state-of-the-art components and radiation hardening techniques
- Innovative radiation hardness assurance at a system level
- Guidelines for facility dosimetry, emerging effects at component level, and link with system qualification

RADSAGA is an Innovative Training Network created to train 15 young scientists and engineers in all aspects related to electronics exposed to radiation.



Recruited researchers will have the unique opportunity to participate in multidisciplinary projects and to work with world-leading scientists and state-of-the-art facilities in a dynamic multicultural environment. RADSAGA brings together first class expertise in a network of industry, academia, laboratories and test-facilities.

**Launch your career in domains at the forefront of technology.
Join us to do your PhD in a truly international and multidisciplinary network!**

RADSAGA is looking for electronic engineers with a background in radiation effects and physicists with knowledge in electronics, radiation effects or semiconductors.

This is an exciting environment in which to become an expert in your field:

- A stimulating personal PhD research project
- A wide range of technical, scientific and complementary skills courses and training events
- Specialized research groups in the field of radiation effects
- Exposure to industry and academia through carefully planned secondments

Learn more about the open positions and apply now!
Visit cern.ch/radsaga