RADNEXT Facility Webinar

Ygor Aguiar, Project Management Officer

Intro to **"Electronics Testing with High Energy Ions at the NASA Space Radiation Laboratory" by Dr. Michael Sivertz**, Feb. 2024

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No **101008126**

RADNEXT Facility Webinar Series

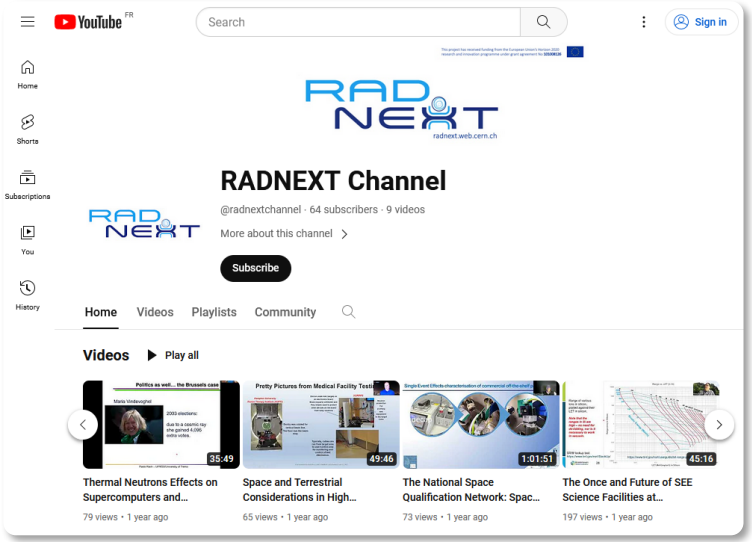
The **present** and **future** of radiation facilities worldwide

- ✓ **A Guide to Japan for SEE Travelers**, Dec. 2022.
- ✓ **Thermal neutron effects in electronic components**, Sept. 2022.
- ✓ **US Proton SEE facilities**, Jun. 2022.
- ✓ **Space Qualification facilities in Australia**, April 2022.
- ✓ **The Once and Future of SEE Science Facilities at BNL**, Feb. 2022.

TODAY

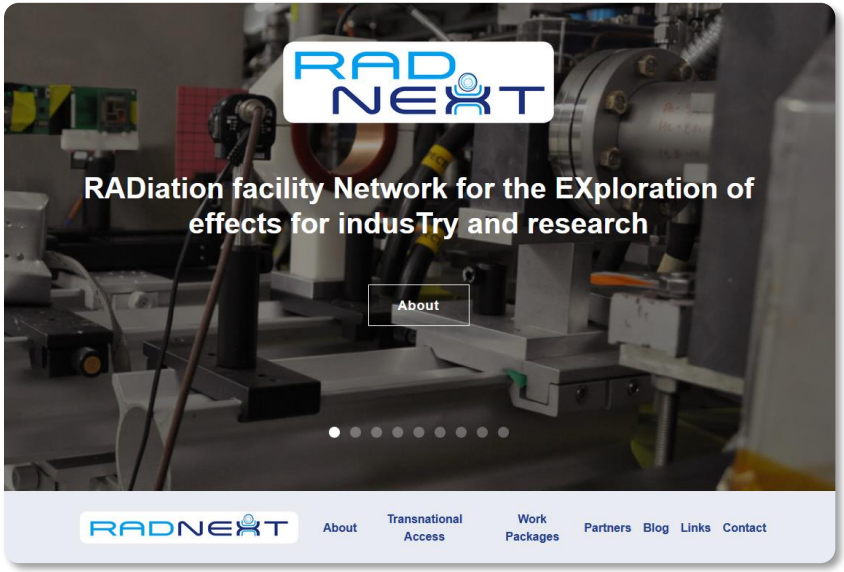
"Electronics Testing with High Energy Ions at the NASA Space Radiation Laboratory" by Dr. Michael Sivertz, NSRL

Dr. Sivertz earned a PhD. in experimental particle physics from Stony Brook University in 1983. After collaborating with experiments at CERN, SLAC, FERMILAB, CESR, and RHIC, Dr. Sivertz joined the team at the NASA Space Radiation Lab (NSRL) in 2005. He became the Principal Investigator of NSRL in 2022.



Scan me and check out our YouTube Channel
@radnextchannel

Website



Work Packages

WP01-MGT	Project management	
Networking Activities		
WP02-NA1	Communication, dissemination, exploitation and training	
WP03-NA2	Transnational access management and harmonization	
WP04-NA3	Roadmap and pre-design of future irradiation facilities	
Joint Research Activities		
WP05-JRA1	Radiation monitors, dosimeters and beam characterization	
WP06-JRA2	Standardization of system level radiation qualification methodology	
WP07-JRA3	Cumulative radiation effects on electronics	
WP08-JRA4	Complementary modelling tools	
Transnational Access		
WP09-TA1	Neutron, muon and mixed-field spallation facilities and irradiation	
WP10-TA2	Proton, heavy ion and alternative beams and irradiation	

Blog

G-RADNEXT Workshop in November 2023

Invitation to G-RADNEXT Workshop 2023, the Workshop for Industry on Radiation Hardness Testing of Semiconductor Devices and Systems at the RADNEXT Facilities.

Read more | Event

RADNEXT Annual Meeting at CNA in May 2023

The 2nd RADNEXT Annual Meeting will take place on 9-10 May 2023 in Seville, Spain, co-organized by CERN and CNA.

Read more | Event

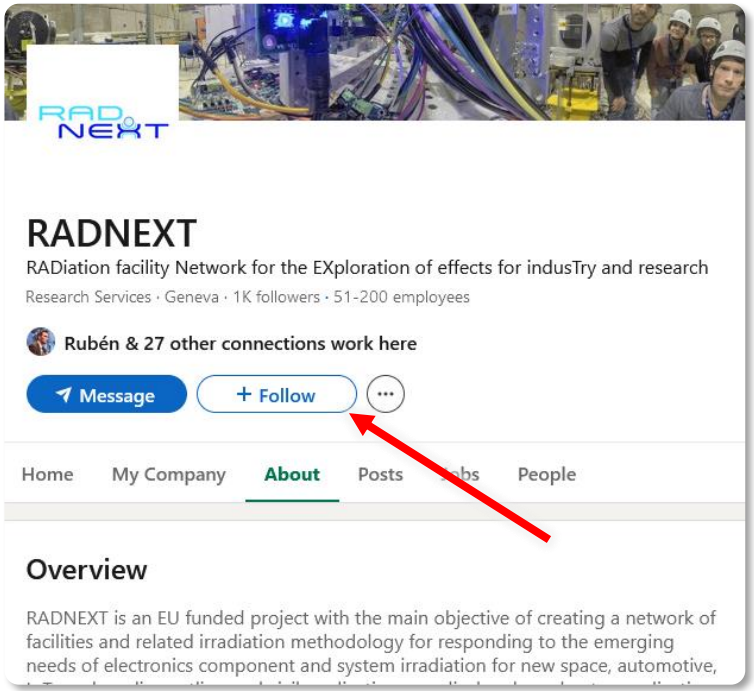
SERESSA 2022

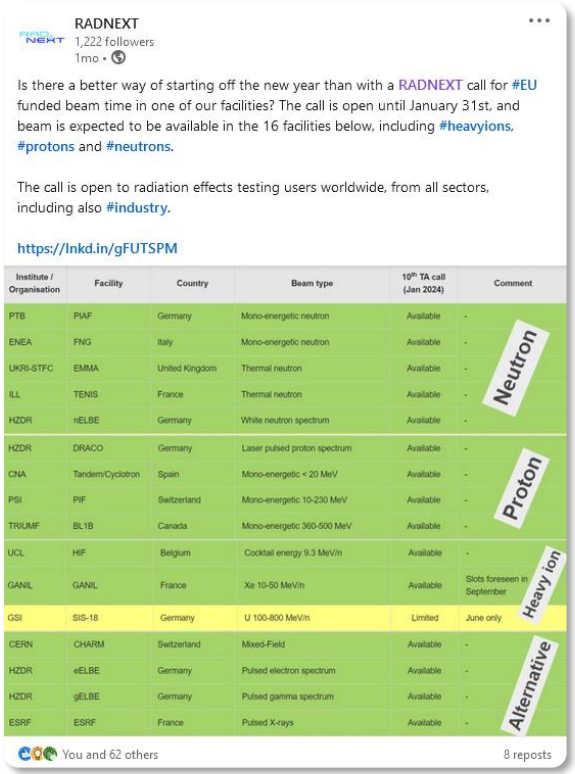
The 19th edition of the International School on the Effects of Radiation on Embedded Systems for Space Applications (SERESSA) took place at CERN in December 2022.

Read more | Event

Scan me and check out our website
radnext.web.cern.ch

LinkedIn

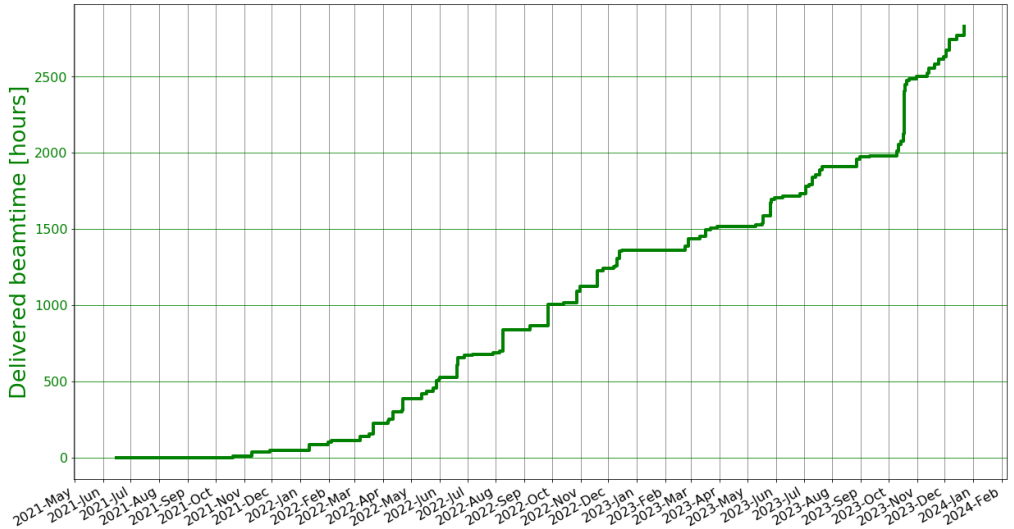




Scan me and follow our LinkedIn page
@RADNEXT

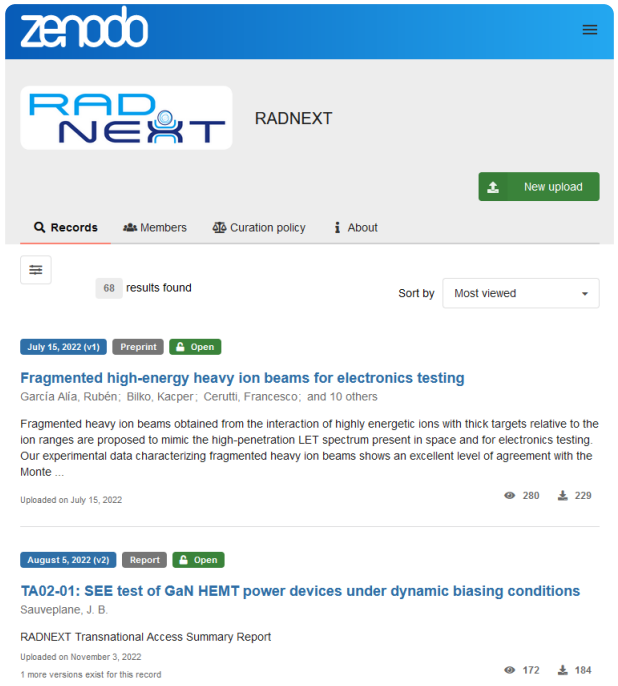
Transnational access to irradiation facilities

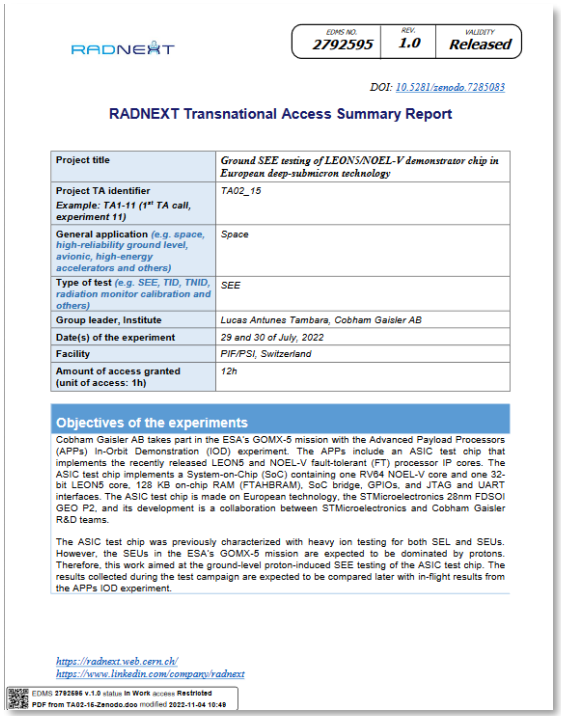
- ✓ RADNEXT project focuses on transnational access to irradiation facilities.
- ✓ Over 6000 beam time hours available across 20+ facilities in Europe and beyond.
- ✓ Academic and industrial groups, especially SMEs, eligible for beam time
- ✓ Beam time awarded to RADNEXT users is **free**, funded by EU's Horizon 2020 program.



Next Call For Proposals opens in **May 2024**.

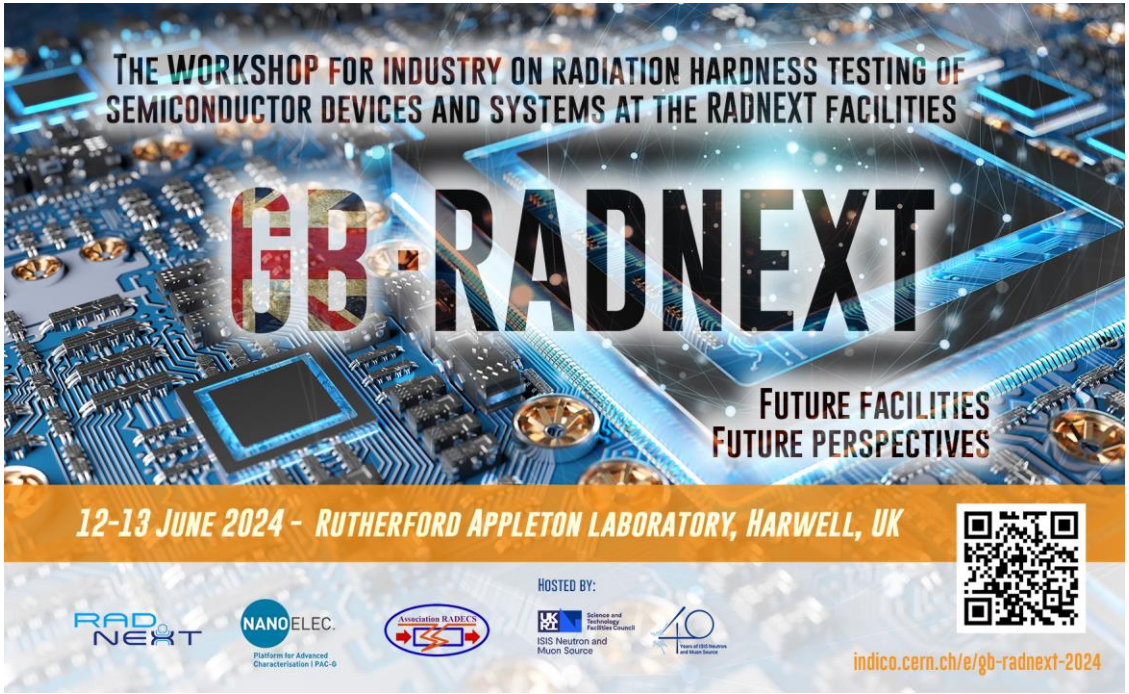
Zenodo: RADNEXT reports and preprints





https://zenodo.org/communities/radnext

GB-RADNEXT



RAD NEXT

Thanks for your attention!

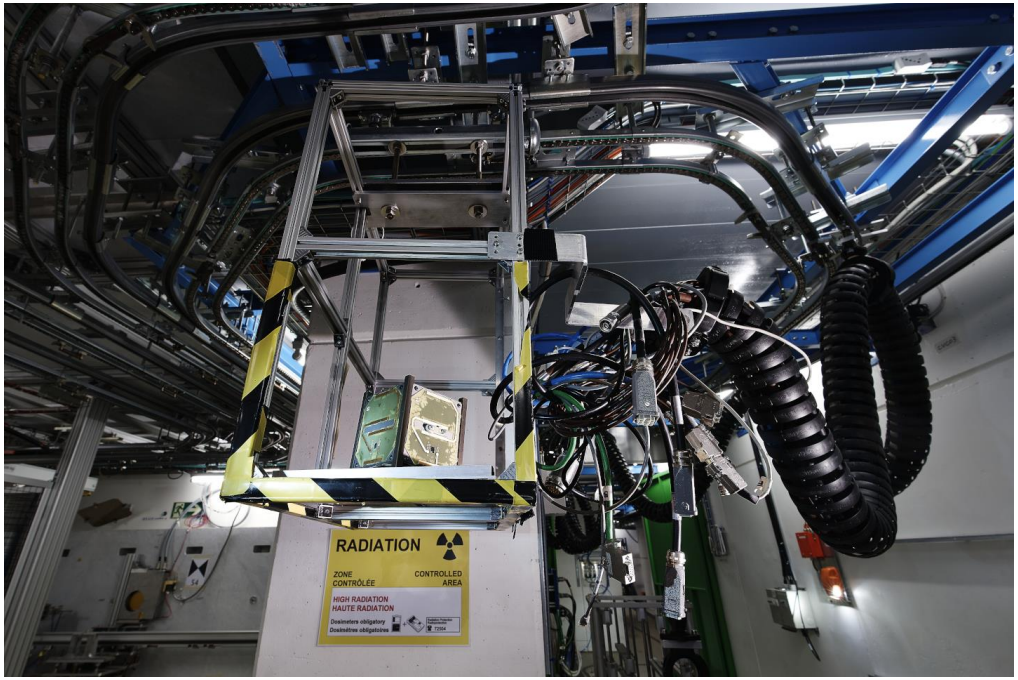


Image Source: CERN