WP2 update

Communication, Dissemination, Exploitation and Training

Ennio Capria (ESRF), Hanne Stas (KU Leuven), Ygor Aguiar (CERN)

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

Milestones and deliverables

Work Package 2

Deliverables

Status	ID	Title	Deadline	Responsible (s)
Completed	D2.1	Communication and dissemination plan	31/08/2021	KU Leuven
Completed	D2.2	Exploitation and data management plan	30/09/2021	ESRF
Completed	D2.3	Intermediate report on the coordination of Communication, Dissemination, Exploitation and training	31/05/2023	KU Leuven
TBD	D2.4	Final Preferred Parts List	31/05/2025	KU Leuven
TBD	D2.5	Final report on the coordination of Communication, Dissemination, Exploitation and training	31/05/2025	KU Leuven

Deliverable D2.3:

- Intermediate report on the coordination of Communication, Dissemination, Exploitation and Training
- Uploaded on European Commission portal on 31 May 2023

Milestones

Status	ID	Title	Deadline	Responsible (s)
Completed	MS08	Project Website launched	31/08/2021	KU Leuven / CERN
Completed	MS09	Appointing the Industrial Advisory Panel (IAP)	30/11/2021	ESRF
Completed	MS10	List of commercial components of interest	31/05/2022	KU Leuven
Completed	MS11	First RADNEXT-to-Industry event finished	31/05/2022	ESRF
Completed	MS12	Second RADNEXT-to-Industry event finished	30/11/2023	ESRF
In work	MS13	Third RADNEXT-to-Industry event finished	31/05/2025	ESRF

MS13 to be achieved this week with GB-RADNEXT ☺

Exploitation and link to industry

G-RADNEXT 2023

- Workshop dedicated to industry, 8-9 November 2023
- Organised by RADNEXT in collaboration with the Platform for Advanced Characterisation (PAC-G), Streamline and the RADECS association

- Aim: To **increase the level of engagement from industry** and to **stimulate discussion** between industry and academia

- 2-day hybrid event at CERN (+Zoom)
- Almost 100 people joining simultaneously

GB-RADNEXT 2024

Video dedicated to industry

- Finished in September 2023
- Shown at RADECS conference and G-RADNEXT workshop
- Long and short version available
- Promoted through LinkedIn

Communication and dissemination

Conferences and events

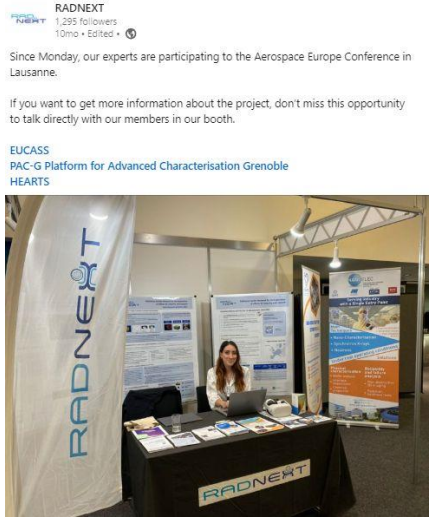
During **2023**, RADNEXT was present at the following conferences (booths or invited talks):

- RADHARD Symposium (6-7 June, Seibersdorf)
- Aerospace Europe Conference, EUCASS-CEAS (9-13 July, Lausanne)
- NSREC (24-28 July, Kansas City)
- RADECS (25-29 September, Toulouse)
- G-RADNEXT Workshop (8-9 November, Geneva)
- SERESSA (4-7 December, Torino)

Communication and dissemination

Exhibitor booths

RADNEXT team at RADECS 2023



Shared booth (with HEARTS and PAC-G) at EUCASS-CEAS

RADNEXT team at NSREC 2023

Communication and dissemination

Conferences and events

For **2024**, RADNEXT was (or will be) present at the following conferences (booths or invited talks):

- RADHARD Symposium (7-8 May, Seibersdorf)
- GB-RADNEXT Workshop (12-13 June, Harwell)
- NSREC (22-26 July, Ottawa)
- RADECS (16-20 September, Gran Canaria)

Communication and dissemination

Ongoing activities: events, LinkedIn, newsletter, promotional materials, …

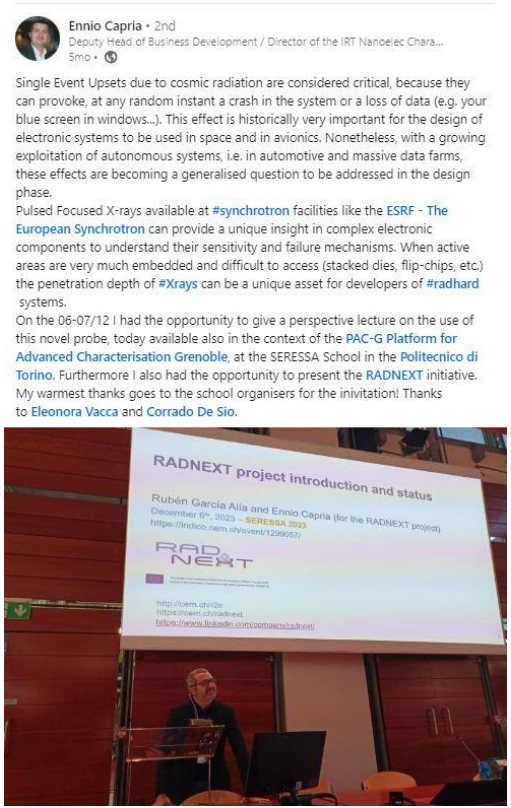
Communication and dissemination

Invited talks

Invited talks by RADNEXT project members

- ➔ If you are giving a talk somewhere, let us know so we can post about it on LinkedIn
- ➔ + don't forget: short introductory presentation available (EDMS)

2671518 v.2	The RADNEXT facility and research network	1	In Work	2022-03-21	MATTEO CECCHETTO
2712346 v.1	RADNEXT short introductory presentation	1	Released	2022-03-04	hanne.stas@kuleuven.b
2719181 v.1	RADNEXT presentation at Australian Space Wo…	1	Released	2022-03-22	RUBEN GARCIA ALIA
2733474 v.1	Presentation at the RADHARD Symposium 26.0…	1	Released	2022-04-28	GERD LUIS DATZMANN

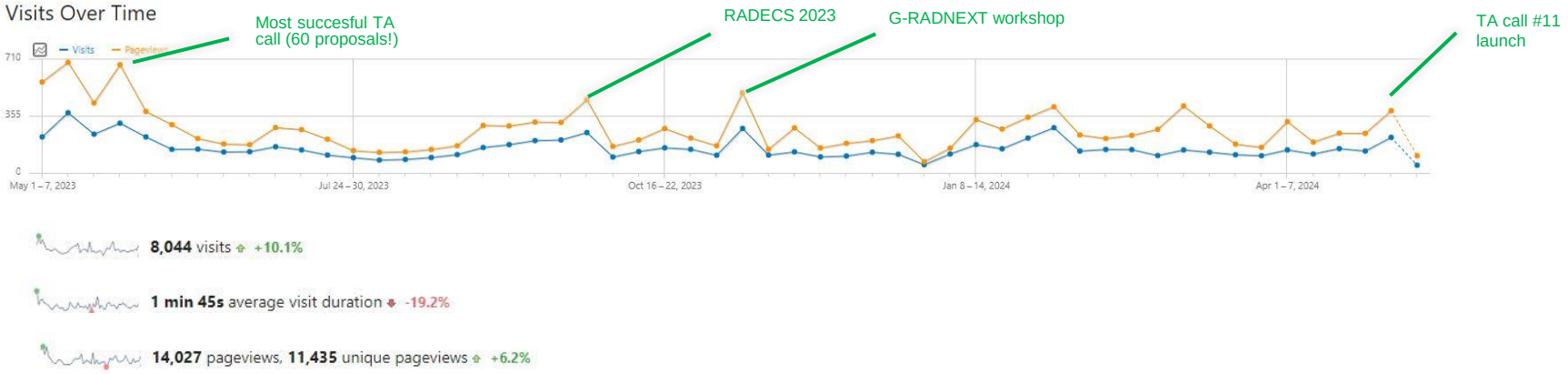


Communication and dissemination

Website statistics

- Website remains primary gateway for both project members and users (thanks David!)

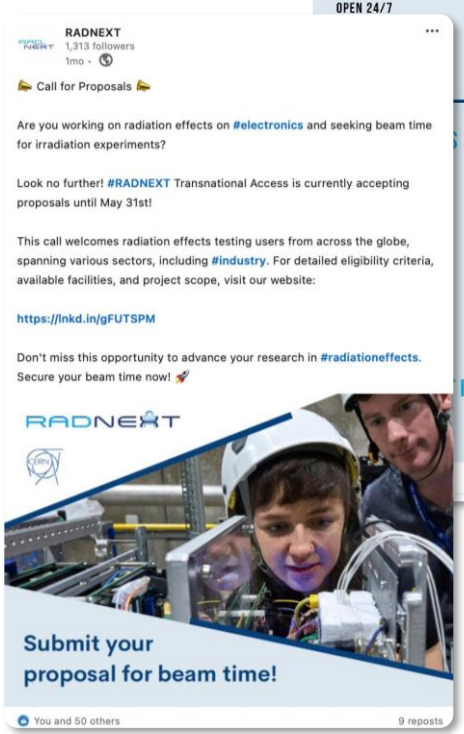
May 2023- May 2024

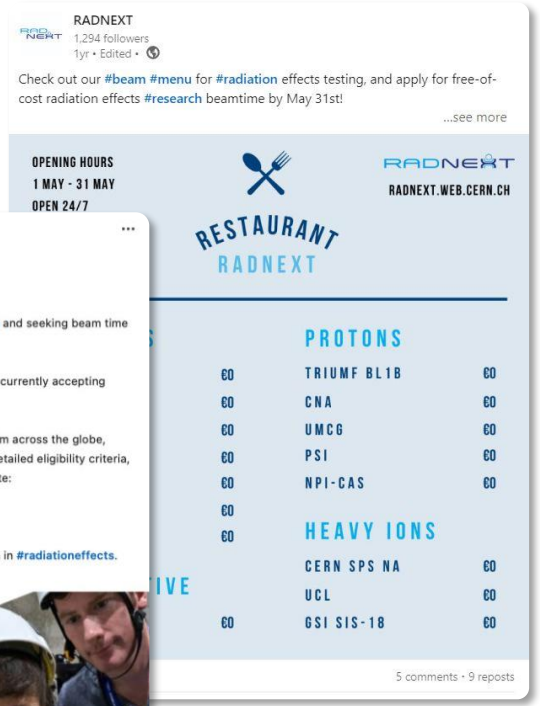


Communication and dissemination
LinkedIn

- Already **1313 followers**!
  (+280 since previous Annual Meeting)
- And a lot of activity on LinkedIn
  - Regular posts about events (GB-RADNEXT, webinars, conferences, …)
  - Posts about calls for beam time proposals
  - RADNEXT research in the spotlight
  - A lot of posts/tags by facility users after their irradiation experiments

➔ Add your RADNEXT membership on LinkedIn!
(currently: 35 employees)

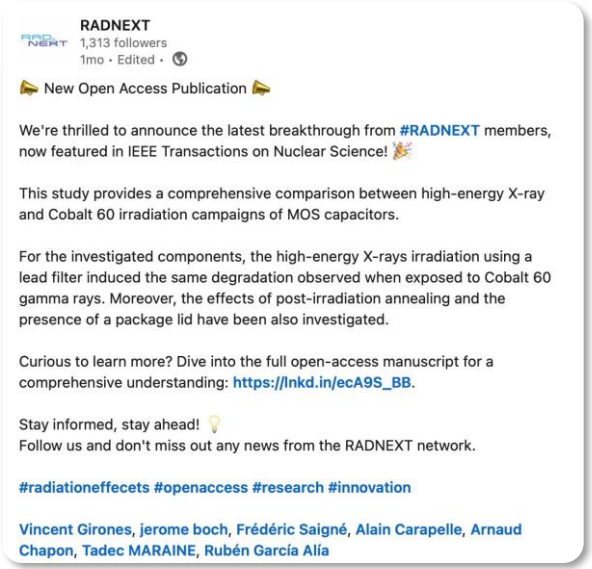




Communication and dissemination

LinkedIn

New series of dissemination of research findings through journal publications



RADNEXT
1,313 followers
1mo • Edited •

New Open Access Publication

We're thrilled to announce the latest breakthrough from #RADNEXT members, now featured in IEEE Transactions on Nuclear Science!

This study provides a comprehensive comparison between high-energy X-ray and Cobalt 60 irradiation campaigns of MOS capacitors.

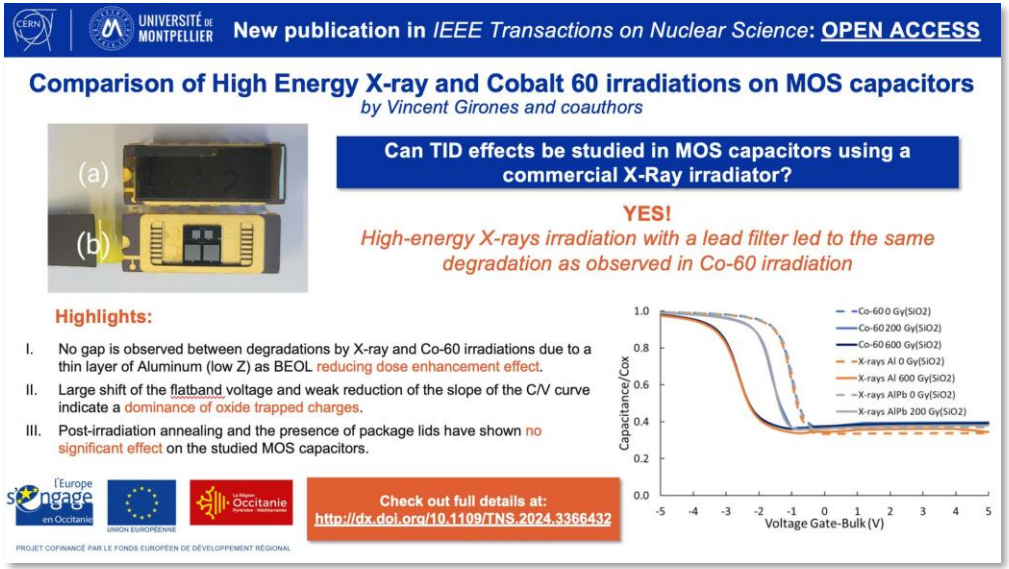
For the investigated components, the high-energy X-rays irradiation using a lead filter induced the same degradation observed when exposed to Cobalt 60 gamma rays. Moreover, the effects of post-irradiation annealing and the presence of a package lid have been also investigated.

Curious to learn more? Dive into the full open-access manuscript for a comprehensive understanding: https://lnkd.in/ecA9S_BB.

Stay informed, stay ahead!
Follow us and don't miss out any news from the RADNEXT network.

#radiationeffecets #openaccess #research #innovation

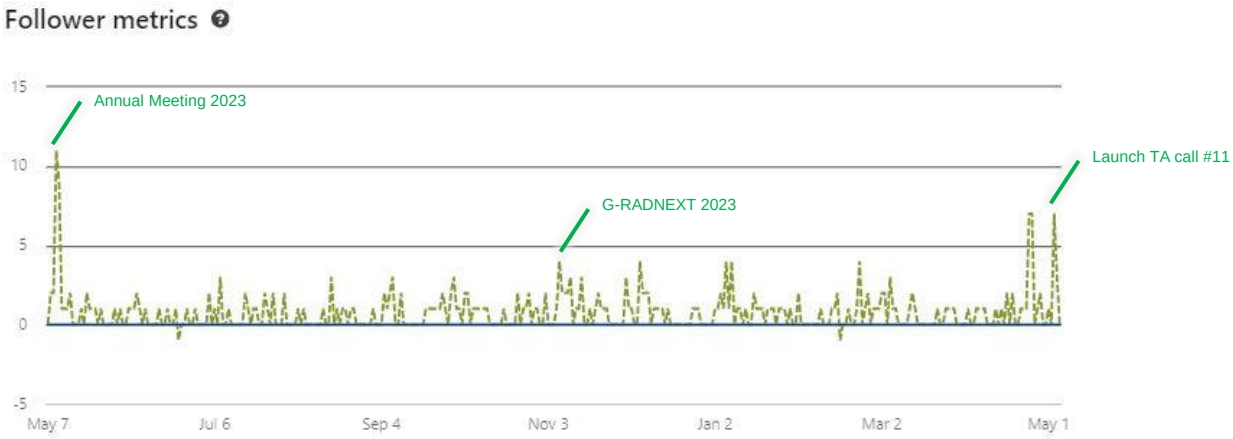
Vincent Girones, jerome boch, Frédéric Saigné, Alain Carapelle, Arnaud Chapon, Tadec MARAINE, Rubén García Alía



First publication was a success of engagement.

Communication and dissemination

LinkedIn statistics

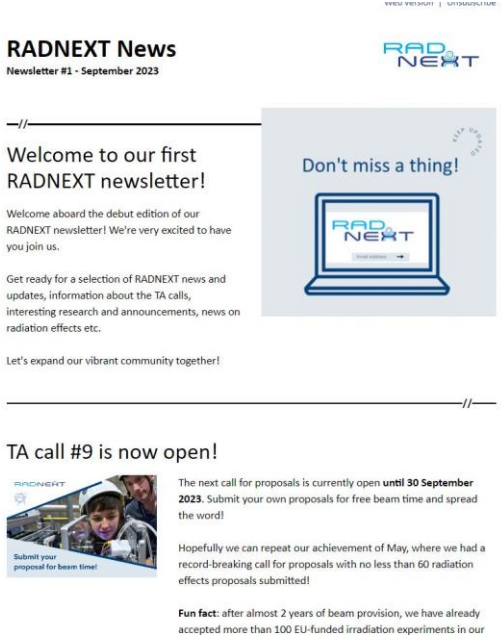


Communication and dissemination

RADNEXT newsletter

- Via Spotler platform
- 5 newsletters sent
  - September 2023 | December 2023 | January 2024 | April 2024 | May 2024
  - Topics: updates and interesting news on the project, research results, TA calls, webinars, workshops, conferences …

- Newsletter sign-up button added to website
- Mailing list: 214 contacts
  - 39 via subscription form
  - Keep spreading the word so we can expand our list!



RADNEXT News

Newsletter #1 - September 2023

Welcome to our first RADNEXT newsletter!

Welcome aboard the debut edition of our RADNEXT newsletter! We're very excited to have you join us.

Get ready for a selection of RADNEXT news and updates, information about the TA calls, interesting research and announcements, news on radiation effects etc.

Let's expand our vibrant community together!

Don't miss a thing!

TA call #9 is now open!

Submit your proposal for beam time!

The next call for proposals is currently open **until 30 September 2023**. Submit your own proposals for free beam time and spread the word!

Hopefully we can repeat our achievement of May, where we had a record-breaking call for proposals with no less than 60 radiation effects proposals submitted!

Fun fact: after almost 2 years of beam provision, we have already accepted more than 100 EU-funded irradiation experiments in our

Communication and dissemination

RADNEXT newsletter

- Newsletter archive available on website
- **Newsletter statistics**

Name	Send time	Acceptanc...	Open rate	Click-to-op...	Click rate
RADNEXT Newsletter #1 - September...	22-09-2023 11:00	97.3%	42.9%	19.2%	8.2%
RADNEXT Newsletter #2 - December ...	20-12-2023 16:00	99.5%	45.2%	19.1%	8.6%
RADNEXT Newsletter #3 - January 20...	25-01-2024 15:15	99.0%	40.2%	17.5%	7.0%
RADNEXT newsletter #4 - April 2024	30-04-2024 15:20	99.5%	48.1%	22.5%	10.8%

➔ Any ideas or input for the newsletter is always welcome via radnext.network@communication.cern.ch!

Communication and dissemination

Email signature

- Easy way to spread the word about the RADNEXT TA calls
- A new version will be created for each call
- Thanks for also adding it to your own email signature!

Rubén García Alía
CERN SY-STI/BMI – Radiation to Electronics (R2E) Project
RADNEXT H2020 Project Coordinator – 11th call for beam time is currently open, until May 31st 2024 – subscribe to our newsletter
HEARTS Horizon Europe Project Coordinator
RADECS 2024 Conference Committee member – conference registration will open later in May – subscribe to our newsletter
Work: +41 227677555
Mobile: +41 754118490

CERN, Site de Prevessin
SY/STI-BMI, 864-2-D02
F-01631 CERN Cedex, FRANCE

Training activities

Online and in-person

Introduction

- WP2 also has a focus on training activities in the radiation effects domain with the main goals to :
  - educate people on the fundamentals related to radiation effects in electronics
  - attract more engineers and scientists to the field

- WP2 focuses on two important training modalities:
  - **Online** training activities via webinars and a dedicated Massive Online Open Course (MOOC) on Radiation Effects in Electronics
  - **In-person** training opportunities via the organisation of international schools and workshops

Online training activities

Webinars

- Webinar series on present and future irradiation facilties around the world:
  - **15 February** | Electronics Testing with High energy Ions at the NASA Space Radiation Laboratory – by *Michael Sivertz*
  - Recorded videos available on RADNEXT YouTube Channel
  - Stay tuned via our RADNEXT page on LinkedIn for the upcoming webinars

Subscribe to our channel!

Online training activities

MOOC: RadiationX

Radiation Effects on Electronics: from Accelerators to Space

- First MOOC on the topic
  - Duration: 5 weeks (self-paced), 6-8 hours/week
  - Target audience: undergraduate and graduate students in Physics or Electrical/Electronics Engineering + young professionals and researchers
- Developed with support from MOOC team of the KU Leuven Learning Lab
- Hosted on Edx platform
- Currently in development phase of the learning materials (video lectures, screencasts, interactive quizzes, exercises, discussion forums, texts, …

- Expected launch date: **December 2024**

MOOC: RadiationX | Core team

- Ygor Aguiar
- Rubén García Alía

- Paul Leroux
- Valentijn De Smedt
- Hanne Stas

- Frédéric Wrobel
- Alain Michez

MOOC: RadiationX | Trailer

- Trailer is almost ready
  - Just missing some footage of the actual MOOC + logos on the end screen
- Behind-the-scenes:

MOOC: RadiationX | Trailer

Thank you! Questions?