

RADNEXT TA: a journey through submission and evaluation, from a user's point of view

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RADNEXT TA portal: a tailored application tool

An ad-hoc web portal developed for handling TA submissions, and follow these up throughout the whole application-selection-assignment-exploitation process

Dedicated presentations (Jaroslaw's one in this annual meeting, others in the past by Blerina)

Let's try the submission experience together, now:

1 - submission

Portal user is asked to login through CERN SSO



Home Help Proposals Login

RADNEXT Portal

Login with SSO

CERN Single Sign-On

Sign in with a CERN account

Username
Password

[Forgot Password?](#)

Sign In

Or use another login method

Two-factor authentication

Kerberos

Sign in with your email or organisation

Home organisation - eduGAIN

External email - Guest access

Or sign in with a social account

By clicking on the buttons below, you consent to CERN's transfer of your login request to the social provider and to receive your account name, name and e-mail for authenticating you. See more details in our [Privacy Notice](#).

Google

LinkedIn

GitHub

Facebook

CERN Accelerating science

Directory

CERN Single Sign-On

Email
Password

[Forgot Password?](#)

Sign In

By logging in, you agree to comply with the [CERN Computing Rules](#), in particular OCS. CERN implements the measures necessary to ensure compliance.

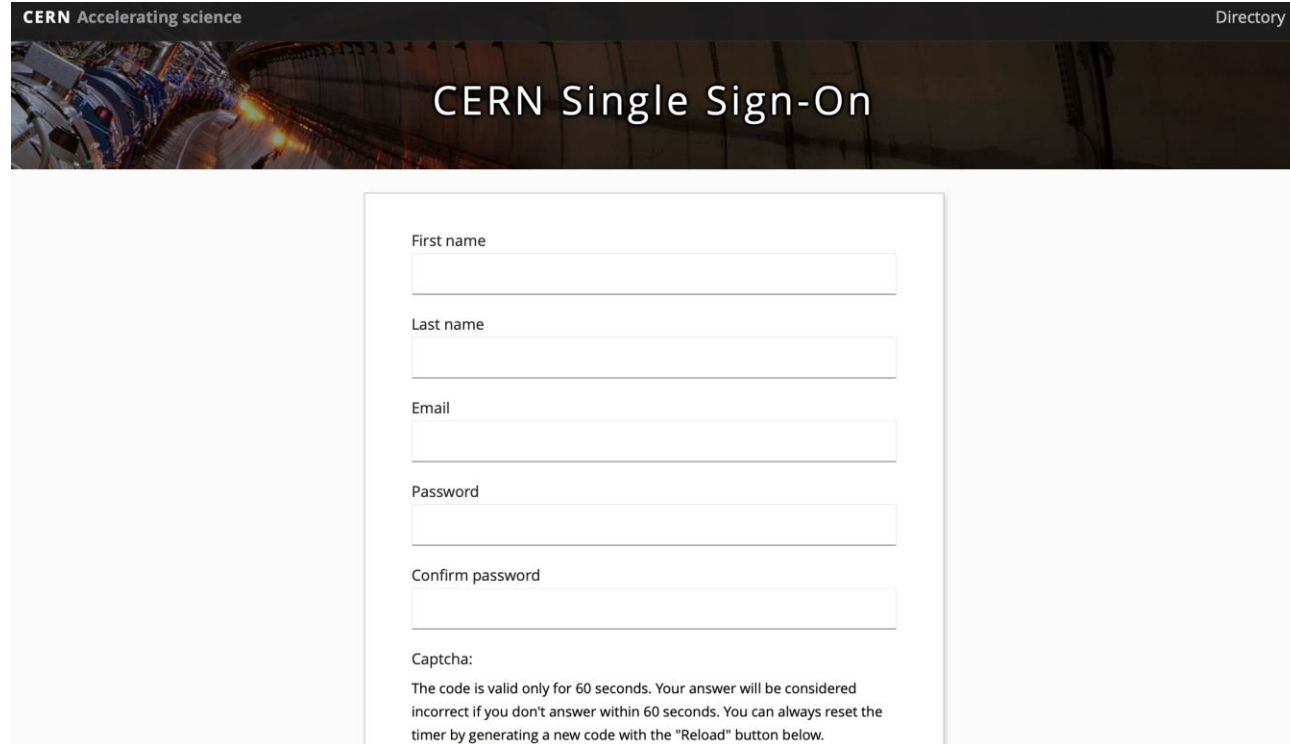
New user? [Register](#)

If one does not have an account,
it is easy to create one from there



1 - submission

Just an email address is required to create a CERN external account



The screenshot shows the CERN Single Sign-On registration page. At the top left, it says "CERN Accelerating science" and at the top right, "Directory". The main heading is "CERN Single Sign-On". The registration form includes the following fields:

- First name
- Last name
- Email
- Password
- Confirm password

Below the password fields is a "Captcha" section with the following text: "The code is valid only for 60 seconds. Your answer will be considered incorrect if you don't answer within 60 seconds. You can always reset the timer by generating a new code with the 'Reload' button below."

1 - submission

While the call is open, the “submit proposal” button is available



[Home](#) [Help](#) [Proposals](#) [My Account](#) salvatore.fiore@enea.it [Logout](#)

RADNEXT Portal

Welcome to RADNEXT Transnational Access Portal.

Please choose your action.

 [Submit Proposal](#)

 [View Proposals](#)

1 - submission

the submission is completed in three steps:

Step one

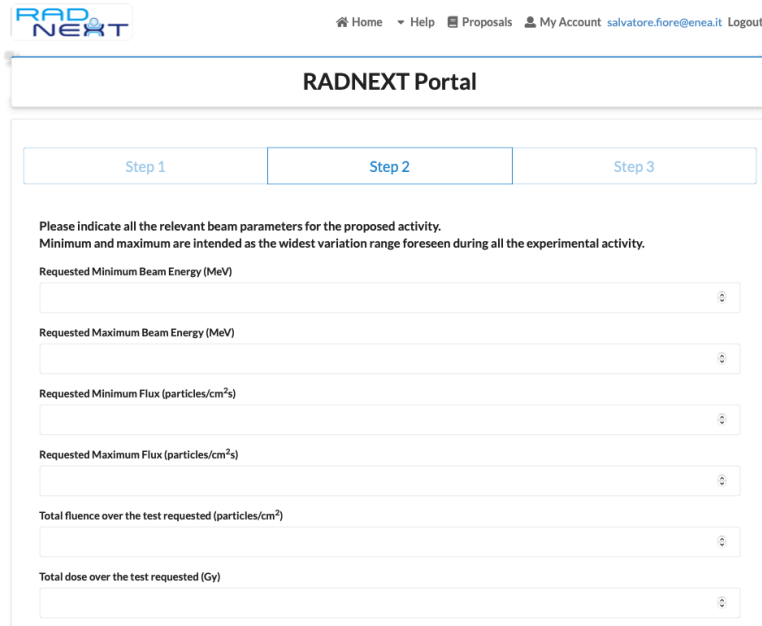
The screenshot shows the RADNEXT Portal interface. At the top, there is a navigation bar with the RADNEXT logo and links for Home, Help, Proposals, My Account, and a user profile (salvatore.fiore@enea.it) with a Logout option. Below this is a header for the 'RADNEXT Portal'. A progress indicator shows three steps: Step 1 (active), Step 2, and Step 3. The main content area contains several required fields and instructions:

- A red asterisk indicates a required field.
- A link to read the submission guidelines.
- 'Project title *' with a text input field containing 'title'.
- 'Project acronym *' with a text input field containing 'acro'.
- A checkbox for acknowledging requirements to publish results, which is checked.
- A paragraph of text regarding preliminary assessment and validation.
- A checkbox for acknowledging the requirements, which is checked.
- 'Beam type *' with a dropdown menu showing 'protons'.
- 'Project abstract (1200 characters max) *' with a rich text editor.

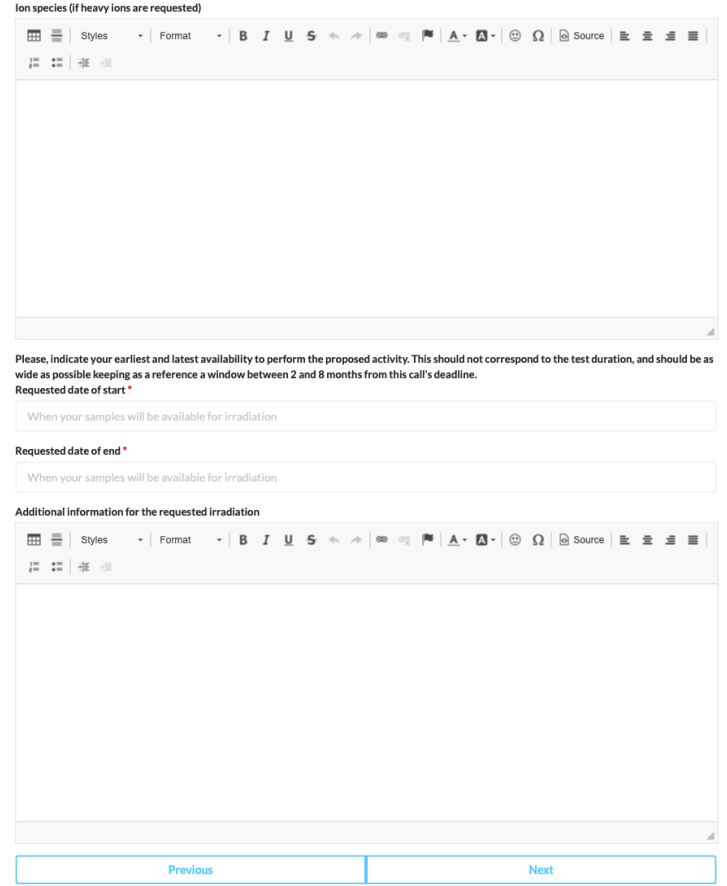
The screenshot shows the 'Project description - excellence section (2400 characters max) *' form. It features a rich text editor with a toolbar containing options for Styles, Format, Bold, Italic, Underline, Strikethrough, Bulleted List, Numbered List, Indent, Outdent, Link, Unlink, Text Color, Background Color, Font Size, and Source. Below this is another rich text editor for the 'Project description - impact section (2400 characters max) *'. At the bottom, there is a third rich text editor for the 'Project description - implementation section (2400 characters max) *'. A red warning message at the bottom states: 'The sum of the three project description sections should not exceed the 4500 characters'. At the very bottom, there are 'Cancel' and 'Next' buttons.

1 - submission

Step two



The screenshot shows the RADNEXT Portal interface. At the top, there is a navigation bar with the RADNEXT logo and links for Home, Help, Proposals, My Account, and a user profile for salvatore.fiore@enea.it. Below this is a header for the RADNEXT Portal. A progress bar indicates that Step 2 is the current step, with Step 1 and Step 3 also visible. The main content area contains instructions: "Please indicate all the relevant beam parameters for the proposed activity. Minimum and maximum are intended as the widest variation range foreseen during all the experimental activity." Below the instructions are six input fields, each with a label and a dropdown arrow on the right: "Requested Minimum Beam Energy (MeV)", "Requested Maximum Beam Energy (MeV)", "Requested Minimum Flux (particles/cm²s)", "Requested Maximum Flux (particles/cm²s)", "Total fluence over the test requested (particles/cm²)", and "Total dose over the test requested (Gy)".



The screenshot shows the RADNEXT Portal interface for Step 3. At the top, there is a navigation bar with the RADNEXT logo and links for Home, Help, Proposals, My Account, and a user profile for salvatore.fiore@enea.it. Below this is a header for the RADNEXT Portal. A progress bar indicates that Step 3 is the current step, with Step 1 and Step 2 also visible. The main content area contains instructions: "Please, indicate your earliest and latest availability to perform the proposed activity. This should not correspond to the test duration, and should be as wide as possible keeping as a reference a window between 2 and 8 months from this call's deadline." Below the instructions are two input fields, each with a label and a dropdown arrow on the right: "Requested date of start" and "Requested date of end". Below these fields is a section titled "Additional information for the requested irradiation" which contains a rich text editor with a toolbar and a large text area. At the bottom of the form, there are two buttons: "Previous" and "Next".

1 - submission

Step three

RADNEXT Portal

Step 1

Step 2

Step 3

Define Group Leader information. **Please, fill the correct group leader information if you are not the group leader.**

First name *

Last name *

Email address *

Institute *

Country *

Nationality *

Status *

Previous



Save and Add Team Members

Save







Submit

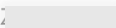
1 - submission

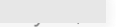
Once completed, a confirmation email is sent to the applicant

RADNEXT TA Portal: Proposal TA08:19 [redacted] ed
[redacted] has  

been submitted

 **RADNEXT TA**     

To:  Sat 06/05/2023 12:45

Dear 

the proposal TA08:19 [redacted] "Space Applications" has been submitted to the RADNEXT TA portal.

You can access your proposal by logging in to the portal <https://radnext-ta-portal.web.cern.ch/> using the account linked to the email address where you received the present notification.

Kind Regards,
RADNEXT TA Team

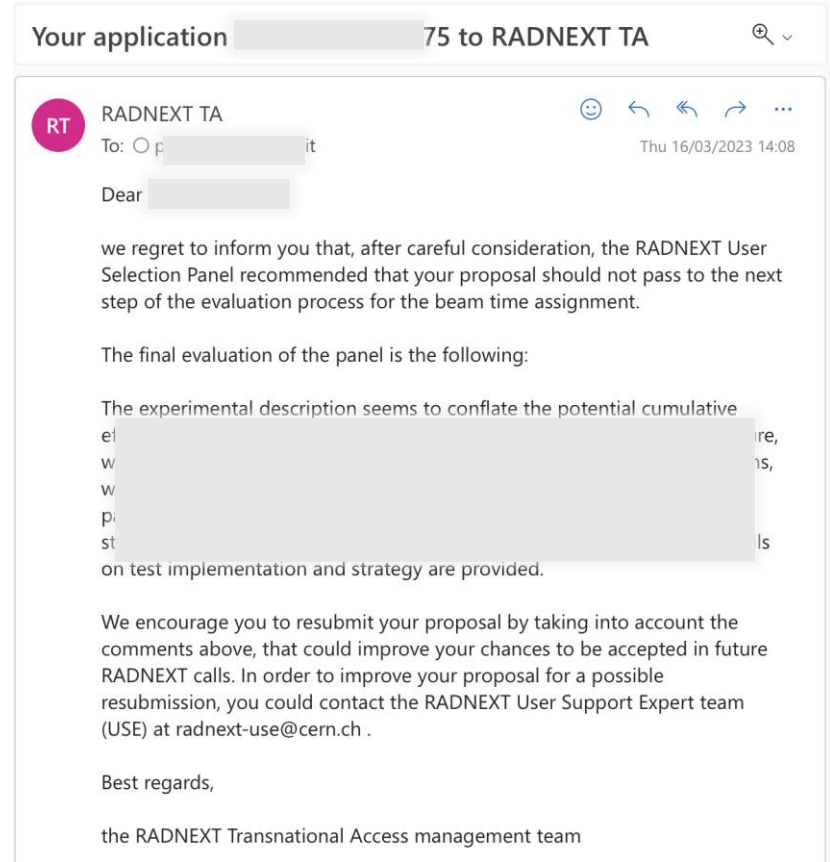
2 – evaluation

The call is closed at the end of the month, and the evaluation process starts:

- Three reviewers are assigned to each proposal, one from each panel (SAP, IAP, TA)
- Reviewers are asked to complete their evaluations in 2-3 weeks
- Following reviews completion, WP3 leaders summarise the outcome and **send a communication to each applicant within the month following the open call one.**

3a - Rejection

A rejected proposal communication is sent to the applicant, with a brief motivation, an encouragement to resubmit and the suggestion to contact our User Support Exper group



3b - acceptance

An accepted proposal, at this stage has been positively evaluated but has no facility assigned.

The applicant is informed that could be contacted in order to provide additional technical details, if necessary for a better understanding of test feasibility

Your application DF [REDACTED] to RADNEXT TA

RT RADNEXT TA
To: [REDACTED] e Wed 22/03/2023 14:59

Dear [REDACTED]

we are pleased to inform you that your proposal "De [REDACTED]
[REDACTED] has been positively evaluated by the RADNEXT User Selection Panel.

Your proposal will now enter the second evaluation step, in order to find the best match between proposed activity and available facility within the RADNEXT network. This could imply a different beam time support with respect to what was indicated in your proposal.

In the next days you could be contacted by the RADNEXT Transnational Access team, in order to provide additional details concerning the implementation of your proposal.

Please be prepared to provide such information in a timely manner.

Best regards,

the RADNEXT Transnational Access management team

4 – facility assignment

The most suitable facility, according to the proposal and the available beam lines, is involved in the process by WP9/10 leaders, asking the contact person to confirm or not the feasibility of such proposal, and the first available slot.

If facility agrees and has a slot in the following 6-7 months, a communication is sent to the applicant with these details, and is asked to discuss directly with the facility contact person in order to arrange the beam exploitation

Dear F [REDACTED]

Your proposal TA07-1 [REDACTED] energy proton conditions has been granted beam time at the CNA facility within the RADNEXT network.

You are kindly asked to confirm within one week the beam time you have been assigned, by replying to this email.

After that, please contact the scientist in charge of the facility, Yolanda Morilla, at ymorilla@us.es in order to plan the details of your test.

Best regards,

The RADNEXT TA management team

5 - exploitation

- The following user-facility exchanges proceed independently from the portal, WP9/10 leaders are required to be in cc, and the facility contact person has the task to report a summary of the arrangements on the portal in the “comments” field
- A foreseen improvement will be to trace these discussions, and to record on the portal also the exploitation date, beam time, eventual travel support etc as “data” instead of free text

6 – final report

Once the activity is completed, the user is asked to complete a brief report and to upload it to a RADNEXT dropbox link. This should be done by the user within three months from the end of the test

Dear ()

You were recently granted EU funded beam time through the RADNEXT transnational access at a European radiation testing facility. In case your tests have already been completed, we hope you had a positive experience and collected as much data as you planned when submitting your proposal.

In order to comply with the T&C under which your beam time was granted and to help us out in improving the TA experience for future calls throughout its entire process, we kindly ask you to fill in the TA test and feedback report that you will find at the following link:

<https://edms.cern.ch/document/2677511/1.1>

This TA report must be returned [here](#) within 3 months from the completion of the test at the irradiation facility. Note that by submitting a proposal for beam time through RADNEXT TA you have accepted to submit this TA test report. Our TA experts will review, approve and archive your TA test report.

As RADNEXT TA User you are also encouraged to publish the data you collected during the RADNEXT TA tests at specialized conferences and in scientific peer-reviewed journals on the topics of radiation effects in electronics, such as the RADECS and NSREC data workshops and technical sessions. If this were for any reason not possible, the related data shall be published in a RADNEXT repository, as per the EU rules for TA beam access.

In case you have not yet performed the test, please profit to have a first look at the TA test report template.

Thanks for contributing to RADNEXT TA and do not hesitate to let us know if you have any related comments or questions.

With best regards,

The RADNEXT TA Coordination Team

Thanks for your attention!



Image Source: CERN