

## Federico Ravotti

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**To:** irradi-ps-users (List of users of the IRRAD facility in the PS East Area); rd50-members (RD50 - All collaboration members)  
**Cc:** irradi-ps-staff (mailing-list EP irradiation facilities team)  
**Subject:** Call for irradiation experiments at CERN proton IRRAD Facility in 2017

Dear IRRAD Facility user,

The run 2017 of the CERN IRRAD proton facility will begin on **May 17<sup>th</sup>, 2017** (May 10<sup>th</sup> for urgent experiments). Irradiation experiments will be possible until the end of the proton beam at the PS East Area on week 46 (**November, 20<sup>th</sup> 2017**).

The PS proton beam has a momentum of 24 GeV/c, a standard beam-size of 12mm x 12mm FWHM and a variable intensity. **The access to the IRRAD area is given once per week** (Wednesday morning from 9:00 to 12:00) to allow the installation/removal of large samples and experimental test setups. **Samples installation on the irradiation tables requires dedicated support frames to be provided by the users.** Moreover, depending on the samples nature, **the preparation of an irradiation permit (PRP17) may be required before the irradiation begins.** This safety procedure may requires several weeks to be completed.

The planned intensities during 2017, together with the availability of the different IRRAD “zones” are detailed [here](#). **The irradiation of components with a larger beam spot (20mm x 20mm FWHM in Zone 3) are limited to September 6<sup>th</sup>, 2017.**

Please, **submit your request for irradiation experiments or reserve beam time to irradiate your samples** by filling in the web form available at this URL: <https://www.cern.ch/ps-irrad> (then click on “[register samples or experiments](#)”). A valid *experiment* and *user* need to be registered in our database. If you are not in the database yet, please follow the instructions given in the above web-page before registering your samples.

**Requests for complex irradiation experiments (e.g. with online monitoring, low temperature, etc.) or for the irradiation of heavy materials should reach us before mid-April 2017.**

More information are available on <https://www.cern.ch/ps-irrad> and by contacting directly the IRRAD Facility Team ([irrad.ps@cern.ch](mailto:irrad.ps@cern.ch)).

The IRRAD facility is supported through the **AIDA-2020 Transnational Access program**. Accepted irradiation projects will be requested to fill an **AIDA Transnational Access** request and have the possibility to ask for financial support. More details on: <http://aida2020.web.cern.ch/content/transnational-access>

Best Regards,  
The EP/DT IRRAD Facility team  
e-mail: [irrad.ps@cern.ch](mailto:irrad.ps@cern.ch)