Reactor Institute Delft (RID)

The Reactor Institute Delft (RID) is part of the Applied Sciences faculty of the Delft University of Technology. It operates radiation-related facilities and houses the Radiation, Radionuclides & Reactors (R3) department of the same faculty. The knowledge and expertise of RID play an important role in fundamental and applied scientific research in various fields, both nationally and internationally. Our activities are described in four (Dutch-language) brochures:

RID boasts the only nuclear Hooger Onderwijs Reactor (HOR) reactor in The Netherlands in an academic setting - a 2 MW pool-type research reactor. Such a reactor is not built to produce electrical power, but is a source of neutrons for research purposes. Next to it and around it, there is a subcritical ensemble (Delphi), a very intense positron source (POSH), radiochemical laboratories and various neutron instruments. Our extensive expertise with respect to radiation and health physics is made available in the form of consultancies and health physics courses on all levels. We have wonderful plans for the future, with more and even better facilities, under the acronym OYSTER.

Our knowledge and facilities are available to researchers, from industry or academia, from the Netherlands as well as from abroad. The research department R3 works in the fields of health and energy, more often than not at the fundamental, material properties level.

On this website, we present our offerings. Because our facilities and techniques can be applied to many subjects, the site can be accessed from the viewpoint of applications and research problems, besides the more traditional enumeration of facilities and their specifications. An English-language brochure targeted at R&D is available online, too.

We can be of service to you in various ways. Roughly, there are three options:

1. You wish to learn something about ionizing radiation and health physics
   (courses on health physics)
2. You need help or advice on a health physics issue
   (consultancy)
3. You would like to use our facilities:
   ➔ to do an experiment on your own, you already know with what instrument
      (facilities)
   ➔ to do your own research, you don't know yet with what instrument
      (experimental opportunities)
   ➔ to perform research together with our scientist
      (experimental opportunities, applications)
   ➔ to let us do a measurement for you
      (services)

Topics

operator test
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Organisation/TNW/RID Web Utilities

Search - advanced search
WebTopicList - all topics in alphabetical order
WebChanges - recent topic changes in this web
WebNotify - subscribe to an e-mail alert sent when topics change
- WebRss, WebAtom - RSS and ATOM news feeds of topic changes
- WebStatistics - listing popular topics and top contributors
- WebPreferences - preferences of this web