

CONCERT



The 'CONCERT-European Joint Programme for the Integration of Radiation Protection Research' under Horizon 2020 is operating as an umbrella structure for the research initiatives jointly launched by the radiation protection research platforms MELODI, ALLIANCE, NERIS and EURADOS.

Since the year 2000, Europe-wide studies have identified a problem with the maintenance of the range of expertise essential to keep up competence and run an effective programme of research into the risks to humans and the environment from low-dose radiation. The findings indicate that specific Programmes aiming at knowledge management across generations have to be designed in order to achieve sustainable continuity and development.

To respond to the challenge of developing and maintaining new competence, there is a need for support of E&T in the sciences underpinning radiation protection in general, and in particular specific research areas such as the hazards from low-dose radiation, medical applications of ionising radiation, radioecology, emergency and recovery management and dosimetry.

CONCERT has a work package that provides a programme of E&T support consistent with the priorities identified in strategic research agendas developed by the platforms as part of the programme. The work package comprises the following components:

- Providing support for students and young post-doctoral researchers to European E&T by offering grants for training and travel, and working for greater transferability of prerequisites and degrees among the EU states;
- Recognising that E&T is an intrinsic part of knowledge management and dissemination of new science, and promoting the provision of training courses, workshops and seminars within the RTD Programme;
- Organisation and sponsorship of targeted initiatives in order to promote the specialised skills and knowledge needed to maintain the full competence of the research community and to disseminate research results and stimulate exchanges;
- Coordination and collaboration with all research platforms and the wider industry and regulatory interests in order to take advantage of common policies, resources, and funding streams;
- Encouraging the integration of junior scientists into the European radiation risk research community.

CONCERT E&T sponsorship

Travel grants

CONCERT offers 10,000 € per year for travel awards to junior scientists working in the field of radiation protection research. Support can be given for participation in a conference, a course or for an exchange visit to a research laboratory. Grants are open to researchers or PhD students working in the broad field of radiation protection research including biology, chemistry, physics and medicine. An eligible person must be affiliated to an institution within the European Union or an associated country. Applications may be submitted at any time. However, there are 4 application deadlines per year:
31st March,
30th June,
31st September,
31st December.

After each deadline a maximum sum of 2500€ will be paid out to the top applicants. The maximal level of support per applicant is 625€.

Short courses

CONCERT sponsors an annual series of short courses hosted by EJP partners. There is generally no course fee. (The exception is the EURADOS course: fee €450.) There is also some limited support for accommodation costs at most of the participating institutions.

CONCERT courses are open to any postgraduate student or researcher interested in a research career in the scientific disciplines related to radiation protection. Students outside EU can be accepted if there is space. The admission will be decided case by case.

Upcoming E&T courses

30 Oct – 10 Nov 2017	Molecular Mechanisms of Radiation Carcinogenesis. Helmholtz Center Munich Institute for Radiation Biology, Germany
5 – 9 Feb 2018	Emergency and recovery preparedness and response. National Center of Radiobiology and Radiation Protection, Bulgaria
19 – 23 Feb 2018	Radiation Protection: Basics and Applications. Forschungszentrum Jülich, Germany
5 – 16 Mar 2018	Assessment of long-term radiological risks from environmental releases: modelling and measurements. Technical University of Denmark
12 – 16 Mar 2018	EURADOS Training course on Application of Monte Carlo Methods for Dosimetry of Ionizing Radiation. Karlsruhe Institute of Technology, Germany
12 – 23 Mar 2018	Two-week training course on radiation-induced effects with particular emphasis on genetics, development, teratology, cognition, cancer as well as space-related health issues. SCK•CEN (Belgian Nuclear Research Centre), Belgium
19 – 23 Mar 2018	Monitoring and dose assessment for internal exposures. National Center of Radiobiology and Radiation Protection, Bulgaria
16 – 20 Apr 2018	Preparedness and response for nuclear and radiological emergencies. SCK•CEN (Belgian Nuclear Research Centre), Belgium
16 – 27 Apr 2018	InterRad - Interdisciplinary Radiation Research. Bundesamt für Strahlenschutz, Germany
23 Apr – 4 May 2018	Cellular effects of ionising radiation – introduction to radiation biology Acronym: CELOD, Stockholm University, Sweden
28 May – 8 Jun 2018	Modelling radiation effects from initial physical events. University of Pavia, Italy
4 – 22 Jun 2018	NORM (Naturally Occurring Radioactive Material) in work and natural environment: identification, exposure assessment and decision making process. Central Mining Institute, Katowice, Poland
25 Jun – 6 Jul 2018	Space Summer School (space radiation, medicine and life sciences). SCK•CEN (Belgian Nuclear Research Centre), Belgium

Further information:

Travel grants -

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Short courses -

www.concert-h2020.eu/en/Events

General enquiries -

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