



With the upcoming seminar, the Federal Commission on Radiation Protection would like to give an overview of current dosimetry topics. After the presentation of the perspective on dosimetry of the Swiss authorities, we will have an introduction to the concept of the future planned operational quantities for external radiation exposure. We will then get an insight into internal dosimetry for workers on one hand and on radon dosimetry on the other. We will also have a closer look at the dosimetry during decommissioning of nuclear installations. Several presentations will show us the challenges in dosimetry in the medical sector. Finally, we will address retrospective dosimetry and new techniques in external dosimetry. We are looking forward to an exciting seminar and fruitful discussions.

Seminar of the Federal Commission on Radiation Protection (KSR) *A glance at current dosimetry topics*

Hybrid-Meeting:

Friday, 25th March 2022

Auditorium / Waffenplatz Bern, MK der Berner Truppen
Papiermühlestrasse 15, Bern

A participation via video conference will be prepared.



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Eidgenössische Kommission für Strahlenschutz
Commission fédérale de radioprotection
Commissione federale della radioprotezione
Federal Commission on Radiation Protection

Program

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| 08:30 | Reception, Arrival coffee |
| 09:00 | Welcome Flurin Sarott, President KSR Sabine Mayer, President Expert Group Dosimetry KSR |
| 09:05 | Dosimetry from the Perspective of the Swiss Authorities Sebastien Baechler, Radiation Protection Division (FOPH) Rosa Sardella, Radiation Protection Division (ENSI) |
| 09:30 | ICRU 95- Operational Quantities for External Radiation Exposure Hans Menzel, International Commission on Radiation Units & Measurements (ICRU) |
| 10:00 | Internal Dosimetry of Workers François Paquet, Institut de Radioprotection et de Sécurité Nucléaire (IRSN) |
| 10:30 | Coffee break |
| 11:00 | Radon Dosimetry Roland Krischek, SUVA |
| 11:30 | Dosimetry during Decommissioning of Nuclear Installations Andreas Leupin, ENSI |
| 12:00 | Retrospective Dosimetry François Trompier, Institut de Radioprotection et de Sécurité Nucléaire (IRSN) |
| 12:30 | Lunch |
| 13:45 | Eye Lens Dosimetry Marta Sans-Merce, Geneva University Hospitals (HUG) |
| 14:15 | Radiation Quantities in Medical Imaging Jérôme Damet, Lausanne University Hospital (CHUV) |
| 14:45 | New Reference Computational Phantoms Nina Petoussi-Henss, Helmholtz Zentrum München |
| 15:15 | New Techniques in External Dosimetry Eduardo Yukihiro, Paul Scherrer Institut (PSI) |
| 15:45 | Dosimetry in Modern Radiation Therapy Claude Bailat, Lausanne University Hospital (CHUV) |
| 16:15 | Closing words Flurin Sarott, President KSR |
| 16:30 | End of seminar |

How to find us

Travellers by train:

Leave the station via the main exit Bahnhofplatz and take **tram 9** (Guisanplatz). The tram leaves from **platform B**.

By car via motorway A6:

Exit at Wankdorf, then follow the signs to "Kaserne" (please note: only a few parking spots available).

Hotels

At the Guisanplatz you have the possibility to book an inexpensive overnight stay at your own expense.

Novotel Bern Expo **** ~160 CHF

Ibis Bern Expo ** ~125 CHF

Ibis budget Bern Expo* ~90 CHF

This seminar entitles to the following credits:

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|---------------|----------|
| SGR-SSR | 6 points |
| SGNM-SSMN | 6 points |
| SGSMP – SSRPM | 6 points |

Rates

Registration fee 150 CHF (70 CHF for students and ARRAD members) includes the lunch and proceedings.

Payment to:

Bundesamt für Gesundheit BAG

3003 Bern

IBAN: CH81 0900 0000 3000 0698 1

Registration and Contact

For organizational reasons, registration for participation in the seminar is obligatory. Please register by **31st January 2022** at the latest. Please send an e-mail with your details (first and last name, title, name of the institution) to the following address: ksr@bag.admin.ch

Contact Person: Daniel Storch (+41 58 464 93 98)

Situation plan

