ICRP

• Founded in 1928, International X-ray and Radium Protection Committee
• Renamed International Commission on Radiological Protection ICRP in 1950
• Registered charity UK
ICRP Mission

Advance for the public benefit the science of radiological protection, in particular by providing recommendations and guidance on all aspects of protection against ionising radiation.
Primary Aim of the Recommendations

To contribute to an appropriate level of protection for people and the environment without unduly limiting the desirable human actions that may be associated with radiation exposure.
System of Radiological Protection

• Forms the basis of radiation safety standards, legislation, guidance, programmes, and practice worldwide
• Last updated in *ICRP Publication* 103 (2007)
• Based on science, ethical and social values, and experience
Science, policy, regulations

UNSCAR Reports on doses and effects

ICRP Recommendations

UN, EU Basic Safety Standards Regulations

Science

Policy

Regulations
More than 230 experts in radiological protection science and policy from 33 countries and six continents
Structure of ICRP, 2013 – 2017

Main Commission
Chair: Claire Cousins, UK
Vice-Chair: Jacques Lochard, France
John Boice, USA
Jai-Ki Lee, South Korea
Hua Lui, China
Hans-Georg Menzel, Switzerland
Ohtsura Niwa, Japan
Sergey Romanov, Russia

Scientific Secretariat
Chris Clement
Nobuyuki Hamada

C1 - Radiation Effects William Morgan, USA; now Werner Rühm, Germany
C2 - Doses from Radiation Exposure John Harrison, UK
C3 - Protection in Medicine Eliseo Vano, Spain
C4 - Application of ICRP Recommendations Don Cool, USA
C5 - Protection of the Environment Carl-Magnus Larsson, Australia; now Kathy Higley, USA
Committee 2 develops references models and data, including dose coefficients, for the assessment of exposures to radiation from both internal and external sources.

- Large programme of work to replace all published dose coefficients following:

Membership 2013 - 17

John Harrison (Chairman) UK
François Paquet (Vice-Chairman) France
Wesley Bolch (Secretary) USA

Mike Bailey UK
Vladimir Berkovski Ukraine
Luiz Bertelli USA
Doug Chambers Canada
Marina Degteva Russia
Akira Endo Japan

John Hunt Brazil
Chan Hyeong Kim Korea
Rich Leggett USA
Jizeng Ma China
Dietmar Noßke Germany
Nina Petoussi-Henss Germany
Frank Wissmann Germany
Task Groups of Committee 2

- TG 36 – Radiopharmaceuticals (C2/C3)  
  Dietmar Nosske + Sören Mattsson

- TG 79 – Effective Dose  
  John Harrison

- TG 90 – Dose Coefficients for External Environmental Exposures  
  Nina Petoussi-Henss

- TG 95 – Internal Dose Coefficients (IDC)  
  François Paquet

- TG 96 – Computational Phantoms and Radiation Transport (CPRT)  
  Wes Bolch
thanks
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