



PREFACE

The International Conference on Radiation Applications (RAP Conference) provides the forum for researchers and professionals involved with the applications of ionizing and non-ionizing radiation and other connected areas, to exchange and discuss their findings and experiences. The conference topics cover various fields of physics, chemistry, biology, medical sciences, engineering, and environmental sciences.

The Conference publishes Book of Abstracts, containing all accepted abstracts submitted to the Conference. In addition, interested participants can choose to submit full manuscripts based on their conference contributions for peer-review in either the RAP Conference Proceedings or a refereed journal from the field.

RAP 2024 Conference was held from 10-12 June 2023 at the University of Granada, Spain. There were 169 participants (104 onsite and 65 online), and the Book of Abstracts contains 204 contributions. Regarding the full papers, 58 authors have published their papers in *The European Physical Journal Special Topics – Selected Examples of Applications of Radiation in Science and Technology*, while this volume of RAP Conference Proceedings contains 22 papers.

In this issue of RAP Proceedings, we present papers from a range of topics – radiobiology (2), radiochemistry (2), environmental chemistry (1), biomedicine (5), medical physics (2), radiation protection (1), nuclear forensics (1), radiation technologies in industry and environment (1), radiation effects analysis and fault-tolerant design for space applications (1), radon and thoron (2), radiation measurements (2), and radiation detectors (2).

EDITORS:

JUGOSLAV KARAMARKOVIĆ*,
Faculty of Civil Engineering and Architecture,
University of Niš,
Niš, Serbia

ALEKSANDAR JAKSIC,
Sievert Consultancy,
Cork, Ireland

ALBERTO J. PALMA,
University of Granada,
Granada, Spain

ANTONIO LALLENDA,
University of Granada,
Granada, Spain

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