

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 2023 Conference](#) was held from 29 May to 2 June 2023 in Anavyssos, Attica, Greece. There were 144 participants (89 onsite and 54 online), and the Book of Abstracts contains 182 contributions. Regarding the full papers, 21 authors have published their papers in the special issue of Applied Radiation and Isotopes, while this volume of RAP Conference Proceedings contains 30 papers.

In this issue of RAP Proceedings, we present papers from a range of topics – radiobiology (2), radiochemistry (1), environmental chemistry (2), aerosol radioactivity (1), novelties in Covid-19 research (2), pharmaceutical sciences (3), medical physics (1), radiotherapy (2), radiation protection (3), nuclear forensics (1), radioecology (1), radon and thoron (1), radiation measurements (6), radiation detectors (2), food irradiation (1), and facilities (1).

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