



# RADIATION MEASUREMENTS

## AUTHOR INFORMATION PACK

### TABLE OF CONTENTS

●	<b>Description</b>	<b>p.1</b>
●	<b>Audience</b>	<b>p.1</b>
●	<b>Impact Factor</b>	<b>p.2</b>
●	<b>Abstracting and Indexing</b>	<b>p.2</b>
●	<b>Editorial Board</b>	<b>p.2</b>
●	<b>Guide for Authors</b>	<b>p.4</b>



ISSN: 1350-4487

### DESCRIPTION

*Radiation Measurements* provides a forum for the presentation of the latest developments in the broad field of **ionizing radiation detection** and **measurement** and publishes original papers on both fundamental and applied research.

Traditionally the journal has covered methods that comprise solid state nuclear track detectors; spontaneous and stimulated luminescence (including scintillating materials, thermoluminescence, and optically stimulated luminescence); electron spin resonance of natural and synthetic materials; nuclear magnetic resonance (including ferrous sulfate and polymer gels), and superheated emulsions (including superheated drop and bubble detectors). Physics, design and performance of radiation measurements, including computational modelling such as Monte Carlo simulations, are of relevance to the journal, as well as studies of energy-transfer phenomena, track physics and microdosimetry. Measurements and calculations of fundamental physical data, such as cross sections, reaction yields and attenuation coefficients, are acceptable within studies of radiation detection and dosimetry.

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Chemists, physicists and others working with ionizing radiation.

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