

Topical Collection

Facilities

Message from the Collection Editor

This Topical Collection, Facilities, aims to assemble review and original articles to describe existing, upcoming, planned and historic large-user facilities for materials and life sciences around the world. In particular, we seek papers of facilities encompassing more than one single beamline. (A *Beamlines* collection may follow if there is sufficient demand.) The articles should describe the facility's background and context, its overall layout, the radiation production process, the key parameters in a scientific and engineering manner, an overview of beamlines, and outline some typical applications. Possible topics include but are not limited to:

- synchrotron radiation facilities
- neutron facilities
- free-electron lasers
- energy-recovery-linac based radiation
- muon facilities
- positrons
- heavy and light ion beams
- extreme laser facilities
- history of facilities
- reviews of classes of conventional sources
- review of a kind of radiation

Welcome to the journal Quantum Beam Science!

Collection Editor

Prof. Dr. Klaus-Dieter Liss

School of Mechanical, Materials, Mechatronic and Biomedical Engineering, University of Wollongong, Wollongong 2522, Australia



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Quantum Beam Science
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
qubs@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Quantum Beam Science focuses on application of quantum beams for the study and characterization of materials in their widest sense, and developments of quantum beam sources, instrumentation and facilities. Quantum beams include synchrotron radiation, neutron beams, electrons, lasers, muons, positrons, ions. The journal covers disciplines including, solid state physics, chemistry, crystallography, materials science, biology, geology, earth- and planetary materials, and engineering. Articles presenting multiple quantum beams for complementary studies are welcome.

Editor-in-Chief

Prof. Dr. Klaus-Dieter Liss

School of Mechanical, Materials, Mechatronic and Biomedical
Engineering, University of Wollongong, Wollongong 2522, Australia

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), CAPus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

CiteScore - Q2 (Nuclear and High Energy Physics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 26.8 days after submission; acceptance to publication is undertaken in 9.8 days (median values for papers published in this journal in the first half of 2025).