Light in the dark – research with neutrons

Prof. Dr. Winfried Petry
Technische Universität München
School of Natural Science

Free neutrons are a very powerful and broad tool for basic and applied research and even medicine. After a brief introduction to the current status of the generation of brilliant neutron sources, selected examples are used to illustrate the transdisciplinary breadth of their application, from the neutron itself as an object of research to exploration and research into new (quantum) materials and even nuclear medicine.