Special Issue

Using Dielectric Materials in Charged Particle Accelerator Technologies

Message from the Guest Editor

We are here proposing a Special Issue on “Using Dielectric Materials in Charged Particle Accelerator Technologies” in *Materials*. Charged particle detection and imaging techniques have a long history of using fluorescence, scintillation or Cherenkov radiation from dielectric materials. However, for many decades, their use in particle beam sources, accelerators and related technologies was limited to a few applications. Today, the situation has considerably evolved, and in this Special Issue, we would like to invite all scholars to contribute your interesting research works in beam instrumentation for charged particle beams and related fields.

Guest Editor

Dr. Thibaut Lefevre
European Organization for Nuclear Research (CERN), 1211 Geneva, Switzerland

Deadline for manuscript submissions

closed (30 November 2021)

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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

mdpi.com/journal/materials

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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