# Special Issue

# Metamaterial and Metasurface Design for Microwave Applications

## Message from the Guest Editors

Metamaterials and metasurfaces have attracted the interest of researchers in recent years. These concepts have many applications today but remain complex at microwaves frequencies where size and frequency bandwidth may be critical. The ability of metamaterials and metasurfaces to control the propagation of electromagnetic waves can be used to modify the polarization, the reflection, the refraction or the absorption in a microwave device. However, the implementation of these electromagnetic properties are strongly linked to the available technology and usually leads to compromises between the performance and the fabrication cost.

## Guest Editors

Prof. Dr. Xavier Begaud

LTCI, Télécom Paris, Institut Polytechnique de Paris, 91120 Palaiseau, France

Dr. Anne Claire Lepage

LTCI, Télécom Paris, Institut Polytechnique de Paris, 91120 Palaiseau, France

## Deadline for manuscript submissions

closed (20 October 2023)

**Materials**

**an Open Access Journal by MDPI**

**Impact Factor 3.2**
**CiteScore 6.4**
**Indexed in PubMed**

mdpi.com/si/67020

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

mdpi.com/journal/materials

# Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

MDPI

# About the Journal

## 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

## Author Benefits

**Open Access:**

free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:**

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

**Journal Rank:**

JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)