**Photonic Metamaterials**

Guest Editors:

**Prof. Dr. Ortwin Hess**
The Blackett Laboratory, Department of Physics, Imperial College London, London SW7 2AZ, UK
o.hess@imperial.ac.uk

**Prof. Dr. Tatjana Gric**
Department of Electronic Systems, Vilnius Gediminas Technical University, Vilnius 10221, Lithuania
tatjana.gric@vgtu.lt

**Message from the Guest Editors**

Metamaterials have, in the last few decades, inspired scientists and engineers to think about waves beyond traditional constraints imposed by materials in which they propagate, conceiving new functionalities, such as subwavelength imaging, invisibility cloaking and broadband ultraslow light.

This Special Issue, "Photonic Metamaterials" of *Applied Sciences* is devoted to exhibiting the current state of the art of the dynamic and vibrant field of photonic metamaterials reaching across various disciplines, suggesting exciting applications in chemistry, material science, biology, medicine, and engineering. It will illuminate recent advances in the wider photonic metamaterials field, such as (to mention a few) active metamaterials and metasurfaces, self-organized nanoplasmonic metamaterials, graphene metamaterials, metamaterials with negative or vanishing refractive index and topological metamaterials facilitating ultraslow broadband waves on the nanoscale and novel applications, such as stopped-light lasing.

Deadline for manuscript submissions: closed (15 July 2018)