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LTCC for Space, Imaging, Telecommunication, and Medical Applications

Guest Editor:

Dr. Camilla Kärnfelt

Microwave Department, IMT Atlantique, Lab-STICC, UMR 6285, F-29238 Brest, France

Deadline for manuscript submissions:

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Message from the Guest Editor

Since the late seventies, low-temperature co-fired ceramics (LTCCs) have proven their functionality in different areas such as electronics, microfluidics, and sensor devices. Even though this type of material is now well known, scientists research engineers keep elaborating and compositions for specific usages such as high dielectric material for further miniaturization of microwave devices, lower loss material for better high frequency results tending towards the THz range, printable material for 3D integration, ferromagnetic material for circulators and isolators, and others. Manufacturing methods and parameters have been revisited, and techniques such as 3D and ink jet printing, embossing, and laser cutting are elaborated to enhance the scope of LTCC usage.

This Special Issue concerns the latest developments and accomplishments in LTCC on the subjects of preparation of the LTCC material itself, and manufacturing procedures and design strategies for devices intended for, but not limited to, space, imaging, telecommunication, and medical applications.

Welcome to contribute.











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Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Message from the Editor-in-Chief

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