



Microwave Liquid Crystal Technology

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 March 2020)

Message from the Guest Editor

We invite investigators to submit papers which discuss recent development of high-performance liquid crystal materials and liquid crystal-based microwave components. The potential topics include but again are not limited to:

- Material synthesis;
- Material characterization (e.g., dielectric properties);
- Characterization of the properties under harsh environments, such as large temperature ranges, vacuum, hard radiation (gamma or neutron), etc.;
- Modeling of liquid crystals and components;
- Reliability and stability of the properties, including aging and fatigue, etc.;
- Devices and device concepts based on microwave liquid crystal technology;
- Biasing concepts for LC-based microwave devices;
- Applications of microwave liquid crystals and prototype demonstration.





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Editor-in-Chief

Prof. Dr. Alessandra Toncelli

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Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

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