

BioPhotonics

Bringing Light to the Life Sciences®

WEBINARS

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Brillouin Microscopy for Cell and Tissue Imaging

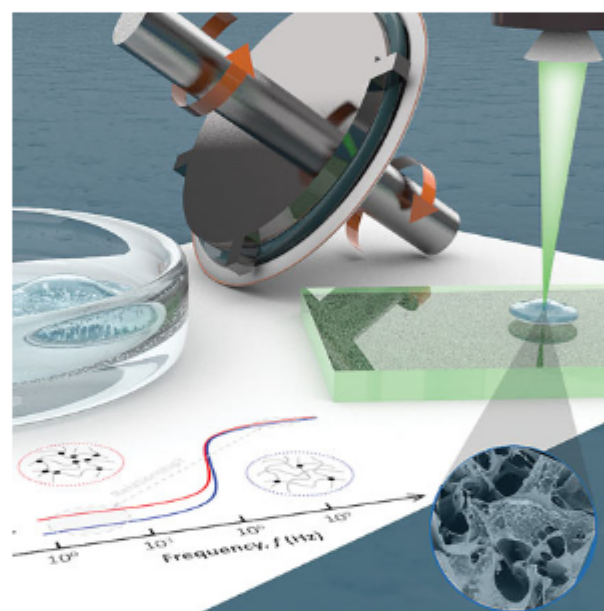
Wednesday, May 15, 2024 1:00 PM - 2:00 PM EDT

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The interaction between photons and acoustic phonons within materials, first described by Leon Brillouin, has been widely investigated to characterize the mechanical and physical properties of samples. To translate this technology to biomedical applications in which mechanical properties are often critical, Giuliano Scarcelli's lab has developed high-resolution spectrometers at high throughput and combined them with optical microscopes to yield 3D-imaging modalities that use label-free biophysical properties as contrast mechanisms for imaging. Scarcelli shares areas of application and future developments of this research. Sponsored by LightMachinery.



Upcoming Webinars

- [Optical Frequency Combs: The Pinnacle of Precision from the Visible to the MIR](#), 5/16/2024 11:00:00 AM EDT
- [Integrated Photonics for Quantum Computing](#), 5/28/2024 10:00:00 AM EDT
- [Let's Talk About Metalenses](#), 5/29/2024 10:00:00 AM EDT

Archived Webinars

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