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Intravascular Ultrasound (IVUS) System Design, Catheter Design, Beamforming Algorithm Development, Imaging Optimization and Clinical Applications

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Message from the Guest Editors

Dear Colleagues,

Intravascular ultrasound (IVUS) is a powerful imaging technique used primarily in the field of cardiology to visualize the inside of blood vessels. It provides detailed images of the vessel walls and can help in the diagnosis and treatment of various cardiovascular conditions. By providing real-time, high-resolution images from within the vessel lumen, IVUS plays a crucial role in diagnosing and guiding the treatment of various vascular diseases. We welcome ultrasound experts to submit the latest research and innovations in IVUS technology, highlighting significant research trends and breakthroughs.

Dr. Hsiao-Chuan Liu
Prof. Dr. K. Kirk Shung
Dr. Hyoung-Ki Lee
Guest Editors



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