

## Special Issue

# Latest Trends and Disruptions for Diagnostic Imaging and Image Guided Procedures and Therapies

### Message from the Guest Editors

Medical Imaging (MI) modalities will further improve using advanced signal processing methods. This will affect the workflow and value of MI for diagnostic evaluation and, with that, will possibly change therapy responses. Minimally invasive therapies depend on MI for accurate tool and device guidance, but often the modalities used for the initial diagnostic assessment are not available for the subsequent therapy procedure. Preoperative-to-interoperate image fusion is needed, which additionally requires navigation and image segmentation and merging software.

There are many novel approaches suggested to combine real-time or preoperatively acquired imaging information with other signals and modalities that could not only add valuable information but also could help develop significantly cheaper and easier to use devices for a point-of-care approach.

This Special Issue focuses on some of the latest developments in computer-aided procedures for medical imaging used for diagnosis as well as for use during image-guided therapy procedures.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2023)



## Applied Sciences

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### Editor-in-Chief

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