

**Intelligent biophotonic imaging for clinical applications**

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The biomedical optical imaging Lab (BOIL) developed near-infrared spectroscopic (NIRS) system/device, diffuse optical topography (DOT), functional optical coherence tomography (fOCT), optical intrinsic signal imaging (OISI) and intelligent algorithm for biophotonic systems. In this talk, the intelligent biophotonic imaging will be described based on the several optical techniques and their clinical applications with intelligent analysis.