

Advancements in Spectral Computed Tomography.



BIO

Dr. Noël is currently a member of the Department of Radiology at the Technical University of Munich, where he serves as Principle Investigator of the Laboratory for Advanced Computed Tomography Imaging. Dr. Noël holds an undergraduate and Masters degree in Biomedical Engineering from the University of Applied Sciences in Giessen, Germany. While conducting research in interventional imaging at the Toshiba Stroke Research Center in Buffalo, NY, he completed the requirements for Masters degree in Computer Science. In 2009 he finalized his Ph.D. in Computer Science from SUNY at Buffalo with focus on advanced 3D reconstruction algorithms. His current primary research interest is in the area of biomedical imaging and includes Computed Tomography, advanced reconstruction approaches, phase contrast & dark-field imaging, spectral photon counting detectors, high performance computing with GPUs and clinical translation of advanced technologies. Dr. Noël's research efforts are supported by national as well as industrial grants. He is incoming editorial board member of European Radiology, the journal of the European Society of Radiology.