New Reasons for Doctors to Like Imaging: Applications in Cardiology and Neurology

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Speaker Biography:
Rob MacLeod was trained in physics, electrical engineering, and physiology and is an associate professor of Bioengineering and Internal Medicine (Cardiology) at the University of Utah. He is an associate director of the Scientific Computing and Imaging (SCI) Institute and the Nora Eccles Harrison Cardiovascular Research and Training Institute (CVRTI). He is also an associate chairman and director of the undergraduate program in Biomedical Engineering and recently co-founded the Center for Arrhythmia Research and Management (CARMA). His research interests include computational electrocardiography (forward and inverse problems), experimental investigation and clinical detection of cardiac ischemia, repolarization abnormalities, cardiac arrhythmias and defibrillation. For his research, he uses a broad range of techniques including scientific computing, imaging, image processing, and visualization.