Light-based technology is changing our view on cardiovascular disease and therapy. The development of new optical diagnostics is the topic of the sixth Optics in Cardiology symposium, a dedicated meeting on light-based methods in cardiology.

Clinical and technology leaders in the field will discuss the latest breakthroughs in applications of light in cardiovascular medicine. It aims to advance the use and development of optical techniques in cardiology by:

- Stimulating interaction between scientists, clinicians and engineering researchers
- Identifying relevant clinical needs that can be addressed by optical technologies
- Educating clinicians about new techniques

Topics include:

- Optical coherence tomography: new technology and applications
- Photoacoustic imaging
- Fluorescence spectroscopy and imaging
- Near-infrared spectroscopy
- Optics in electrophysiology
- Translation of optical diagnostics
- Stent imaging: sizing, selection, placement
- Image interpretation, plaque assessment and composition
- How to treat, based on imaging
- Outcomes and imaging biomarkers

Abstract deadline: February 15 2020 23:59 CET

Scientific advisory board: Lorenz Räber, Takashi Akasaka, Carlo DiMario, Emilia Entcheva, Gary Tearney, Ton van Leeuwen, and Ton van der Steen

Submit your abstract through the website! Top submissions will be chosen for oral presentation

Organizers: Joost Daemen, Evelyn Regar, Gijs van Soest

April 23/24 2020

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