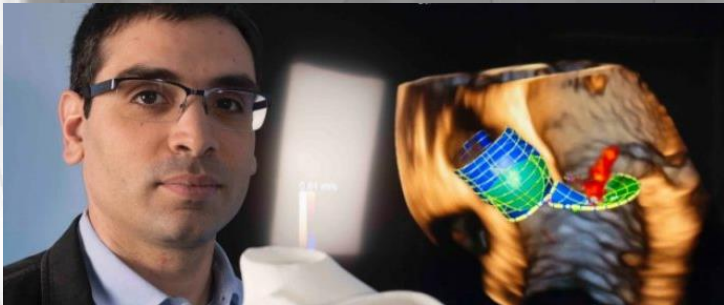*Informatics for Life*

Lecture Series

Place   Analysezentrum III, INF 672

          2. OG, Seminar Room

Date   Thursday, June 27th

Time   6.00 pm

Tommaso Mansi, Ph.D.

Siemens Medical Solutions USA, Inc.

Senior Director R&D

"Artificial intelligence and digital twins in Healthcare – From advanced medical imaging to precision medicine"

Artificial intelligence and digital twin technologies are poised to transform care delivery as we know it. In this talk, examples of applications are presented, going from improving workflows, to next generation medical image quantification and interpretation to the estimation of individualized computational models of a patient's organ, called digital twins. In particular, we will present how a digital twin of a patient's heart could be used to help disease characterization as well as plan and guide procedures, with the goal of improving outcomes.

Host   Prof. Dr. Benjamin Meder, University Hospital Heidelberg