



# IST/e Symposium 2013

June 24, 2013, Eindhoven University of Technology

**09:00**

Welcome

**Prof.dr.ir. Hans van Duijn, Rector Magnificus TU/e**

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**09:30**

The Cardiac Atlas Project: Cardiac modeling for population studies

**Prof.dr. Alistair Young, University of Auckland**

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**10:15**

Cardiac image analysis at IST/e

**Dr.ir. Hans van Assen, IST/e**

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**10:45**

Advances in visual analysis of 4D MRI blood flow

**Dr.ir. Roy van Pelt, IST/e**

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**11:15 Coffee break**

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**11:45**

HCC imaging and focal treatment

**Prof. Edward Leen, Imperial College London**

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**12:30**

Advanced prostate cancer imaging techniques

**Prof.ir. Hessel Wijkstra, IST/e**

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**13:00 Lunch**

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**14:00**

Introduction to diffusion imaging: MRI of the brain's connections

**Dr. Lauren O'Donnell, Harvard Medical School**

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**14:45**

Diffusion-weighted imaging of the human brain: Enhancements and fiber tracking

**Ir. Eric Creusen, IST/e**

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**15:15**

Some mind-boggling mathematics: Venturing into the 21<sup>st</sup> century's grand challenge

**Prof.dr. Luc Florack, IST/e**

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**15:45**

Closing

**Prof.dr. Luc Florack, IST/e coordinator**

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**16:00 Drinks**

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