

4TU.AMI



MATHEMATICS FOR INNOVATION



**Mathematics for health:**

**Date** 24 May 2017  
**Time** 09:00 - 17:30  
**Venue** Building Orion  
Room: C1040  
  
Bronland 1  
Building 103  
6708WH Wageningen

**Admission** Free

**Registration** Please register before  
15 May 2017

<http://registration-ami-conference.nl>



**SPRING**  
**CONGRESS**  
**Mathematics for health**  
**24 May 2017**

- 09:00 - 9:30 Registration and coffee
- 09:30 - 10:30 "Avian Inspired Design"  
David Lentink (Stanford) Keynote
- 10:30 - 11:00 Coffee break
- 11:00 - 12:30 "Analyzing microcirculation via mathematical imaging and optimal transport"  
Lex van Loon (Radboud UMC) and Christoph Brune (UT)
- 12:30 - 13:30 Lunch
- 13:30 - 15:00 "The role of biomechanics in advanced atherosclerosis: data of mice and men"  
Frank Gijssen (Erasmus MC) and Johan Dubbeldam (TUD)
- 15:00 - 15:30 Coffee/tea/refreshments
- 15:30 - 17:00 "Planning of brain surgery with MRI-based fiber tractography"  
Geert-Jan Rutten (St. Elisabeth Ziekenhuis), Luc Florack (TUE) and Anna Vilanova (TUD)
- 17:00 - 17:30 Closure and drinks