



## Program EuSoMII ACADEMY - NOV 18<sup>th</sup>, 2017

### Game changers in radiology

*The impact of informatics and A.I. on medical imaging*

Jointly organized by EuSoMII, SIIM and Erasmus MC

8:30 - 9:00 Registration, Welcome coffee

#### **Session 1 “Strategic view on radiology evolution”**

**Moderators: Sergey Morozov, Erik Ranschaert, Wiro Niessen**

9:00 - 9:15 Opening

9:15 - 9:55 Keynote lecture - Robot vs Man: who will win? - E. Siegel

9:55 - 10:20 Role of computed imaging in radiology - P. Suetens

10:20 - 10:30 Discussion

10:30 - 11:00 Coffee break

#### **Session 2 “Machine learning: how does it work?”**

**Moderators: Emanuele Neri, Raym Geis**

11:00 - 11:30 Deep learning: basic principles - B. v. Ginneken

11:30 - 12:00 Unlocking patterns in medical images with AI - B. Glocker

12:00 - 12:30 How machine learning can bring more intelligence to radiology - R. Geis

12:30 - 12:45 Discussion

12:45 - 13:45 Lunch

#### **Session 3 “AI applications beyond clinical data”**

**Moderators: Wiro Niessen, Eliot Siegel**

13:45 - 14:10 Image sharing for Biobanks - B. Gibaud

14:10 - 14:35 Integrating data in the Structured Report - D. Pinto Dos Santos

14:35 - 15:00 Making the shift to value based healthcare - J.J. Visser

15:00 - 15:25 Who controls patient data in the era of A.I.: man or machine? - P. van Ooijen

15:25 - 15:30 Discussion

15:30 - 16:00 Coffee break

#### **Open panel discussion: “Future of AI in radiology”**

**Moderator: Hans Mekenkamp**

**Panel: E. Siegel, W. Niessen, P. Suetens, S. Morozov, participants industry**

16:00 - 16:50 What will be the impact of AI on radiology? *Perceptions from both science & industry*

16:50 - 17:00 Closing remarks, next meeting announcement - S. Morozov, E. Ranschaert

17:00 - 18:00 A drink with the experts