

**Session Program**

**6-7 Jun 2019**

**Big Data In Medicine: Challenges and Opportunities**

***Session 3***

CERN, 503/1-001 - Council Chamber

# Friday 7 June

09:00

## Session 3: Tools and Applications

**Session** | **Location:** CERN, 503/1-001 - Council Chamber

09:00–09:30

### Reflecting opportunities and risks - AI ethics and its broad range of issues

**Speaker**

Dr Thilo Hagendorff

09:30–09:50

### Meaningful Control of AI and Machine Ethics

**Speaker**

Taghi Aliyev

09:50–10:10

### AI-Based Decision Support System for Doctors and Patients

**Speaker**

Dr Cary Oberije

10:10–10:40

### Coffee Break

10:40–11:00

### Computational Modelling and Simulation of Biophysical Dynamics in Medicine

**Speaker**

Dr Roman Bauer

11:00–11:20

### In Silico Trials: Current Status and Future Perspectives

**Speaker**

Dr Marco Viceconti

11:20–11:40

### Epidemiological Studies in the Big Data Era

**Speaker**

Dr Vivian Viallon

11:40–12:00

### Personalised Medicine: Opportunities and Challenges

**Speaker**

Prof. Spiros Denaxas

12:00–12:30

### Discussion and Wrap-up

12:30