

# Digital Rheumatology Day

## Lausanne, 2. February 2019

### Keynote Lectures

09:30 - 10:00 Demystification the digital health world, Thomas Hügle, Lausanne

10:00 - 10:40 Digital needs, fears and possible solutions in rheumatology  
- from a patients' perspective (Patient)  
- from rheumatologists' perspective (Ulrich Walker, Basel)

10:40 - 11:00 Digital RA – prediction and therapy by artificial intelligence? Jaap van Laar, Utrecht

### **11:00 - 11:20 Morning Refreshment and networking break**

11:20 - 11:40 Digital lessons learned from musculoskeletal radiology, Patrick Omoumi, Lausanne

11:40 - 12:10 Big data: possibilities and threats for complex disease genetics, Zoltan Kutalik, Lausanne

12:10 - 12:30 Artificial intelligence in health, Marcel Salathé, Geneva

### **12:30 - 13:30 Lunch and time for discussion**

### Research and Application Session

13:30 - 13:50 Developing fine-grained actigraphy's for rheumatoid arthritis patients from a single accelerometer using machine learning, sensors, Javier Andreu Perez, London

13:50 - 14:10 Deep learning methods to predict radiographic progression using the SCQM database, Maria Hügle, Freiburg

14:10 - 14:30 Digital detection of drug advise events in rheumatology - a whole population analysis, Paul Hasler, Aarau

14:30 - 15:50 Differential diagnosis assessment in ambulatory care with the automated medical history-taking device "Diaana", supported by a pilot randomized study, Adrien Schwitzguébel, Lausanne

14:50 - 15:10 Digital support by apps in rheumatology, Rüdiger Müller, Aarau

**15:10 - 15:30**

**Afternoon refreshment and networking break**

15:30 - 15:50  
Bordeaux

Digital patient simulation for medical training, Xavier Abadie,

15:50 - 16:10

Precision medicine in rheumatology, Thomas Wilckens, Munich

16:10 - 16:30

Pain-Apps for digital pain management, Daniel Zenz, Bochum

16:30 - 16:50

Virtual reality applications for pain and rheumatic disorders

16:50 - 17:30

Podium discussion

**18:00 - 20:00**

**Cocktail dinatoire and network**