

Artificial Intelligence Symposium

Diagnostic Medical Systems

Thursday, 2nd September 2021, from 10 am until 6 pm

Zoom <https://bit.ly/2VnP9Gy>

Meeting ID: 839 0694 1782, Passcode: 493091

In an increasingly technological world, understanding the principles and extensive potential of Artificial Intelligence in diagnostic medical systems is key to explore its possibilities in the daily practice. For the third year, sitem-insel School offers its successful CAS course in Artificial Image in Medical Imaging by the University of Bern. As in previous years, the program is initiated by a public symposium.

PROGRAM

Welcome

10 am until 10.10 am

Opening of the Symposium

Jürgen Burger, University of Bern
Roland Wiest, Inselspital Bern

Debate: Use Case for AI

Chairs: Hendrik von Tengg-Koblik & Richard McKinley

10.10 am until 11 am

Clinicians know it: TBD

Cristina Granziera, University of Basel, Switzerland

Companies know it better: AI-based education of neurological disease course - an MS discovery example

Shibeshih Belachew, Biogen, Switzerland

11 am until 11.30 am

Break

Regulatory Challenges

Chairs: Mauricio Reyes & Kuangyu Shi

11.30 am until 12 pm

Explainability and interpretability of AI software

Michaela van der Schaar, University of Cambridge, United Kingdom

12 pm until 12.30 pm

Regulatory challenges of AI in healthcare

Jana Semrau-Brandt, Dentons, Germany

12.30 pm until 1 pm

Challenges of federated learning

Spyridon Bakas, University of Pennsylvania, United States of America

1 pm until 2.30 pm

Lunch break

Integrating AI solutions in clinics

Chairs: Jürgen Burger & Roland Wiest

2.30 pm until 3.15 pm

Keynote lecture: Radiology informatics

Charles E Kahn, University of Pennsylvania, United States of America

3.15 pm until 3.45 pm

Structured reporting; linking EHR to artificial intelligence

Daniel Pinto dos Santos, Uniklinik Köln, Germany

3.45 pm until 4.15 pm

Education of MDs; how to prepare MDs and interprofessional experts

Jürgen Burger, University of Bern & Roland Wiest, Inselspital Bern

Roundtable discussion

Chairs: Marta Gehring, Swiss Biotech Association

4.45 pm until 6 pm

How to bring AI to the market

Robert (Ted) Baldwin, Imageens, France
Peter Wehrheim, Abbott, Switzerland
Prisca Quadroni, AI Legal & Strategy Consulting, Switzerland
Jeremy de Sy, Aidoc Medical, Belgium

Closing remarks & apéro

6 pm until 6.10 pm

Closing remarks

6.10 pm until 9 pm

Apéro at sitem-insel, Bern