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

Thursday, 2nd September 2021, from 10 am until 6 pm
Meeting ID: 839 0694 1782, Passcode: 493091