RETHINKING DESIGN WITH ARTIFICIAL INTELLIGENCE

Kick-off Symposium

March 28, 2019

ETH Campus Science City
Siemens Auditorium (HIT building)
Wolfgang-Pauli-Str. 27, 8049 Zurich

RETHINK is a future-oriented non-commercial, non-partisan think tank of ETH Zurich, connecting design thinking and artificial intelligence as bridging concepts across the various scientific disciplines.

www.rethink.ethz.ch
09:30  Welcome & opening ceremony
       (J. Mesot, President ETH Zurich)
10:00  Rethink (G. Schneider, ETH Zurich)
10:20  Drug discovery in the age of digital
       (J. Duca, NIBR)
10:40  Rethinking design to create at the nanoscale
       (S. Schürle, ETH Zurich)
11:00  Accelerating drug discovery through automation
       (M. Kossenjans, AstraZeneca)
11:20  Undrawable (B. Dillenburger, ETH Zurich)
11:40  Applied philosophy of artificial intelligence
       (N. Sieroka, ETH Turing Centre)
12:00  BREAK
13:00  Enhancing drug discovery through in silico modelling
       (J. Fisher, University of Cambridge/Microsoft)
13:20  Applications of AI in drug discovery at Sanofi
       (G. Hessler, Sanofi)
13:40  eDesign – our next generation design platform
       (M. Zentgraf, Boehringer-Ingelheim)
14:00  Predicting compound sensitivity with multi-modal neural networks
       (M. R. Rodriguez, IBM)
14:20  Event-based artificial intelligence with neuromorphic accelerators
       (M. Schmuker, University of Hertfordshire)
14:40  Adaptive pattern extraction underpins rethinking the role of big data
       (J.B. Brown, University of Kyoto)
15:00  Closing remarks (G. Schneider, ETH Zurich)
15:10  Meet the Speakers & Apéro
16:30  End of symposium