

# SiP Talk #4

## THE CODING OF LIFE

Breakthroughs and Blind Spots in the  
Mathematisation of the Life Sciences

Thursday, 25 October 2018, 18.30 – 20.00, followed by an aperitif  
ETH Zurich, Zentrum, Alumni-Pavillon, MM C 78.1

Panel discussion with      Prof. Dr. Dagmar Iber (D-BSSE / The Turing Centre)  
   Dr. Maël Montévil (IRI, Centre Pompidou)  
   Prof. Dr. Alessandro Sarti (CNRS – EHESS, Paris)  
   Prof. Dr. Gisbert Schneider (D-CHAB / The Turing Centre)

Moderation                      Prof. Dr. Roy Wagner (D-GESS / The Turing Centre)

Scientific methods for understanding life are becoming ever more computational and mathematical, but how far can they go? Our panel of life scientists and mathematicians will discuss such questions as: How should we bridge scientific rationality and artificial intelligence? How should computer models and laboratory experiments interact? Is contemporary mathematics adequate for studying living entities? Is there an alternative mathematics?



SiP Talk

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PERSPECTIVE