

EPFL Bioengineering Day 2019

– SwissTech Convention Center, EPFL, Wednesday, November 27, 2019, 13:00 till 22:00 –

“Engineering with Bioinspired or Biomimetic Approaches”

13:00 Welcome, Opening Words: Aleksandra Radenovic & Alex Persat (BioE Day Organizing Committee)

13:10 Keynote Talk – Michel C. Milinkovitch, Dept. of Genetics & Evolution, University of Geneva (CH)

On Skin Colour & Reptilian Scales: When Charles Darwin Meets John von Neumann & Alan Turing

‘Jeffrey Hubbell and Melody Swartz Young Bioengineer Award’ Finalists Talks (part 1):

14:05 Kamilo Melo

From a Fossil to a Robot... and All the Steps in Between

14:25 Pablo Gainza-Cirauqui

Rationally Designing Protein Interactions for Immunotherapeutics

14:45 Maartje Bastings, Institute of Materials & Institute of Bioengineering, EPFL

The Promises and Challenges of DNA as Programmable Biomaterial

EPFL student team, winner of Grand Prize in the 2019 iGEM Synthetic Biology competition:

15:20 Leonard Karsunky, Laura Kvedarauskaite & Théo Nass

ViTEST - A Rapid Field-Based Diagnostic Tool to Detect Grapevine Disease

15:40 *Coffee & Cookies*

16:10 Keynote Talk – Ullrich Steiner, Soft Matter Physics Group, University of Fribourg (CH)

Bioinspired Surfaces: from Optics to Adhesion

‘Jeffrey Hubbell and Melody Swartz Young Bioengineer Award’ Finalists Talks (part 2):

17:05 Adrien Descloux

Parameter-Free Image Resolution Estimation

17:25 Anush Chiappino-Pepe

Genome Scale Identification of Essential Metabolic Processes for Targeting the Plasmodium Liver Stage

17:50 Posters and Drinks

19:00 Annual Ceremony: Hubbell-Swartz Award / EDBB Distinctions / Poster Prize / Toasts to IBI faculty

19:15 Posters and Food: buffet, beer & wine, live music (till 22:00)