

EPFL Bioengineering Day 2023

– SwissTech Convention Center, EPFL, Monday, September 4, 2023, 13:00 till 22:00 –

“Synthetic Protein Design and Biology”

- 13:00** Bruno Correia and Patrick Barth, Institute of Bioengineering (BioE Day co-Chairs) *Welcome, Opening Words*
- 13:10** Keynote – Anastassia Vorobieva, VIB-VUB Center for Structural Biology, Brussels *De Novo Design of Transmembrane β -Barrel Nanopores*
- Research Highlights** presented by young EPFL bioengineers (1):
- 14:00-14:45** Three PhD students or Postdocs from Institute of Bioengineering labs
Umberto Lupo (Bitbol Lab) / Ragunathan Bava Ganesh (Maerkl Lab) / Vincenzo Caroprese (Bastings Lab)
- 14:45** Keynote – Nicholas Polizzi, Harvard Medical School, Boston, MA (USA) *Design of Small-Molecule-Binding Proteins*
- 15:35** Coffee & Cookies & Posters
- Research Highlights** presented by young EPFL bioengineers (2):
- 16:05-16:35** Two PhD students or Postdocs from Institute of Bioengineering labs
Anthony Marchand (Correia Lab) / Ana Rico Villareal (Barth Lab)
- 2023 iGEM EPFL Team** (undergrad student team representing EPFL in the 2023 international Genetically Engineered Machine competition):
- 16:35-16:50** *48C – Biodegradable and Eco-Friendly Heavy Metal Binding Probiotic*
- Annual ‘Jeffrey Hubbell and Melody Swartz Young Bioengineer Award’ session:**
- 16:50-17:50** Four finalists from Institute of Bioengineering labs
Deepthy Kavungal (Altug & Lashuel Labs) / Lucien Krapp (Dal Peraro Lab) / Samuel M. Leitão (Fantner Lab) / Yang Zhao (Tang Lab)
- 17:50** Keynote – Tina Perica, University of Zurich (CH) *Cellular Functions of Regulator Proteins – Or Why Biochemistry Needs High-Throughput Genetic Interaction Screens*
- 18:40** Posters and Drinks
- 19:45** Annual Ceremony: Hubbell-Swartz Award / Doctoral Distinctions / Poster Prize / Toasts to IBI faculty
- 20:00** Posters and Food: dinner buffet, beer & wine, music and dance (till 22:00)