Monday 29th August 2022

09.30-10.00 Welcome coffee

10.00-10.45 Session 1
Welcome and overview
Martin Vetterli, introduced by Jan Hesthaven

10.45-11.45 Session 2
Feedback and update on last year, incl. discussion
moderated by Jan Hesthaven

11.45-12.45 Session 3
Key theme #1: The Role of Social Sciences and Humanities in a Science/Engineering School
Keynote: “A Sustainable and Inclusive Society”
Keynote speaker: Beth Krasna, Chair of the Board of Ethos Services SA

12.45-14.15 Lunch

14.15-16.00 Session 4
Key theme #1: Breakout Sessions
Group 1: Education: Which and how many SHS courses should be included in EPFL curricula?
Led by Béla Kapossy and Rüdiger Fahlenbrach

Group 2: Collaborative activities between the 6th school and the existing ones.
Led by Luisa Lambertini and Claudia Binder

Group 3: How to integrate sustainability issues in your own courses.
Led by Gisou van der Goot and Fabien Sorin

16.00-17.00 Session 5
Keynote: "Discovery, Innovation, and Entrepreneurship Enabled by Unconventional Partnership"
Keynote speakers: Jocelyne Bloch and Grégoire Courtine

17.00-19.45 Time for socializing
From 19.00  
19.45-22.00  
Cocktail in the hotel bar  
Dinner  
Intermezzo: “Spinning into the Unknown”  
Amin Shokrollahi  

From 22.00  
Networking at bar
Tuesday 30th August 2022

08.30-09.30  Session 6
Keynote: “How to Best Serve Switzerland – and the World”
Keynote speaker: Joël Mesot, President of ETHZ

09.30-10.30  Session 7
Key theme #2: The Future of Engineering Education
Keynote speaker: Ruth Graham, independent consultant in engineering education and entrepreneurship, profile

10.30-12.15  Session 8
Key theme #2: Breakout Sessions
  Group 1: Transversal skills: what, why, how, and for whom?
  Led by Kathryn Hess and Daniel Chuard

  Led by Roland Tormey and Jessica Dehler Zufferey

  Group 3: Hybrid teaching in a post-pandemic world.
  Led by Pierre Dillenbourg and Patrick Jermann

12.15-13.15  Lunch

13.15-14.15  Session 9
Key themes #1 and #2: Feedback, Discussion, Conclusions

14.15-15.00  Closing Talk
Martin Vetterli and Jan Hesthaven
Speaker biographies (in order of participation)

Martin Vetterli: profile
Beth Krasna: profile
Béla Kapossy: profile
Rüdiger Fahlenbrach: profile
Luisa Lambertini: profile
Claudia Binder: profile
Gisou van der Goot: profile
Fabien Sorin: profile
Jocelyne Bloch: profile
Grégoire Courtine: profile

Amin Shokrollahi:

Amin Shokrollahi finished his PhD at the University of Bonn in 1991 where he was an assistant professor until 1995. From 1995 to 1998 he was at the International Computer Science Institute in Berkeley. In 1998 he joined the Bell Laboratories as a Member of the Technical Staff. From 2000 to 2009 he was the Chief Scientist of Digital Fountain. In 2003 he joined EPFL as a full professor of Mathematics and Computer Science. In 2011 he founded the company Kandou Bus which uses novel approaches for fast and energy efficient chip-to-chip links.

Dr. Shokrollahi's research covers a wide range of topics from pure mathematics to electronics. He has 200+ publications, and 160+ pending and granted patent applications. An IEEE Fellow, Dr. Shokrollahi’s honors include several IEEE Paper Awards, the IEEE Eric E. Sumner Award, the Advanced Research Grant of the ERC, the IEEE Hamming Medal, and the ISSCC Jan van Vessem Award for outstanding European paper.

Joël Mesot: profile
Ruth Graham: profile
Kathryn Hess: profile
Daniel Chuard: profile
Roland Tormey: profile
Jessica Dehler Zufferey: profile
Pierre Dillenbourg: profile
Patrick Jermann: profile