

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 *Cocktail in the hotel bar*

19.45-22.00 *Dinner*

Intermezzo: “Spinning into the Unknown”
Amin Shokrollahi

From 22.00 *Networking at bar*

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- 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: “**The Future of Engineering Education: the Impact of COVID-19 and the Next Generation of Cutting-Edge Programmes**”
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**

Group 2: Project-based teaching: promises, pitfalls, and success stories.
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 Vessel Award for outstanding European paper.

Joël Mesot: [profile](#)

Ruth Graham: [profile](#)

Kathryn Hess: [profile](#)

Daniel Chuard: [profile](#)

Roland Tormey: [profile](#)

Jessica Dehler Zufferey: [profile](#)

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