

SPARKS!

Serendipity Forum at CERN

Future Intelligence

— 2021

18 September

16:00 - 17:30 Public Event Session 01

- Ouchhh mapping
- Welcome by Bruno Giussani (host) and Fabiola Gianotti (CERN Director General)
- **Decision making: how do humans do it?** Daniel Kahneman
- **Constructing AI: what are the missing building blocks, and the latest developments we should be excited about?** Anima Anandkumar and Koray Kavukcuoglu
- **Existential risks: is AI one of them?** Jaan Tallinn
- **Good and evil: ethics and fairness in AI, who makes the rules?** Anja Kaspersen
- **Social Embodied AI: fiction or reality?** Hiroshi Ishiguro and Luisa Damiano
- **Before it's too late: how to get it right?** Stuart Russell

17:30 - 18:00 Break

18:00 - 19:40 Public Event Session 02

- Welcome
- **Ouchhh, mapping: behind the scenes** Ferdi Alici
- **Strong AI: Our mirroring selves?** Ed Boyden and S Matthew Liao
- **Sparking curiosity: can AI be a tool for innovation?** Max Welling and Eng Lim Goh
- **Hypothetical AI - can AI learn to ask questions and perhaps even make a real contribution to science?** Hiroaki Kitano
- **Artificial creativity: can AI think outside its black box?** Vivienne Ming and Vittorio Loreto
- **"Made to Measure", performance** Hans Block (Laokoon)
- Closing