AGENDA
International Science Summer Camp 2018
„The best way to predict the future is to create it."
Peter Diamandis

Online registration

DAY 1| Sunday – August 5
Arrival day

DAY 2| Monday – August 6
Welcome & Opening of the Camp Introduction and timeline of the camp´s group projects **Successful presentation: tips and tricks** **Artificial Intelligence: Introduction, major topics, context, history and applications** Social or cultural activities

DAY 3| Tuesday – August 7 - Artificial life

Christopher Langton characterized artificial life as "locating life-as-we-know-it within the larger picture of life-as-it-could-be," a concept that brought together people interested in computer models of adaptive and self-organizing systems, not just in biology but also in economics, social science, and physical chemistry. Artificial life raises ethical issues and biosecurity issues.

Biorobotics **Autonomous systems and legal aspects** **Genetic Manipulation: Pros & Cons** Social or cultural activities

DAY 4| Wednesday – August 8 - Information Science

Computer science is not as old as physics; it lags by a couple of hundred years. However, this does not mean that there is significantly less on the computer scientist's plate than on the physicist's: younger it may be, but it has had a far more intense upbringing! (Richard Feynman)

Visit at **The Czech Institute of Informatics, Robotics and Cybernetics,** and presentation of **Testbed** "**How do count emotions in language?"** **Multi-agent system (MAS) / Planning for robots** Social or cultural activities

DAY 5| Thursday – August 9 - Cyberpunk

Cyberpunk is a belief that a few outsiders, armed with their own individuality and technological capability, can fend off the tendencies of traditional institutions to use technology to control society. Cyberpunk is a subgenre of science fiction in a futuristic setting that tends to focus on "a combination of low life and high tech" featuring advanced technological and scientific achievements, such as artificial intelligence and cybernetics, juxtaposed with a degree of breakdown or radical change in the social order.

Cyberspace and Body modification **Cyberspace as a "Fifth Domain"** Parallel Polis **Movie night**

DAY 6| Friday – August 10 - Presentation Day
Presentations of the group work outcomes Discussion an wrap-up of the Camp Farewell Dinner Party

DAY 7| Saturday – August 11
Departure day

Please note that the programme may change.