

CAETS 2024

HELSINKI I – 4 JULY 2024

CARBON NEUTRAL TECHNOLOGIES AND SOCIETY



ENGINEERING A BETTER WORLD: CARBON NEUTRAL TECHNOLOGIES AND SOCIETY

- Helsinki 1. – 4. July 2024
- Location City center,
University of Helsinki
Campus
- Accommodation in variety
of hotels



ENGINEERING A BETTER WORLD: CARBON NEUTRAL TECHNOLOGIES AND SOCIETY

TOPICS

Technology

Industry

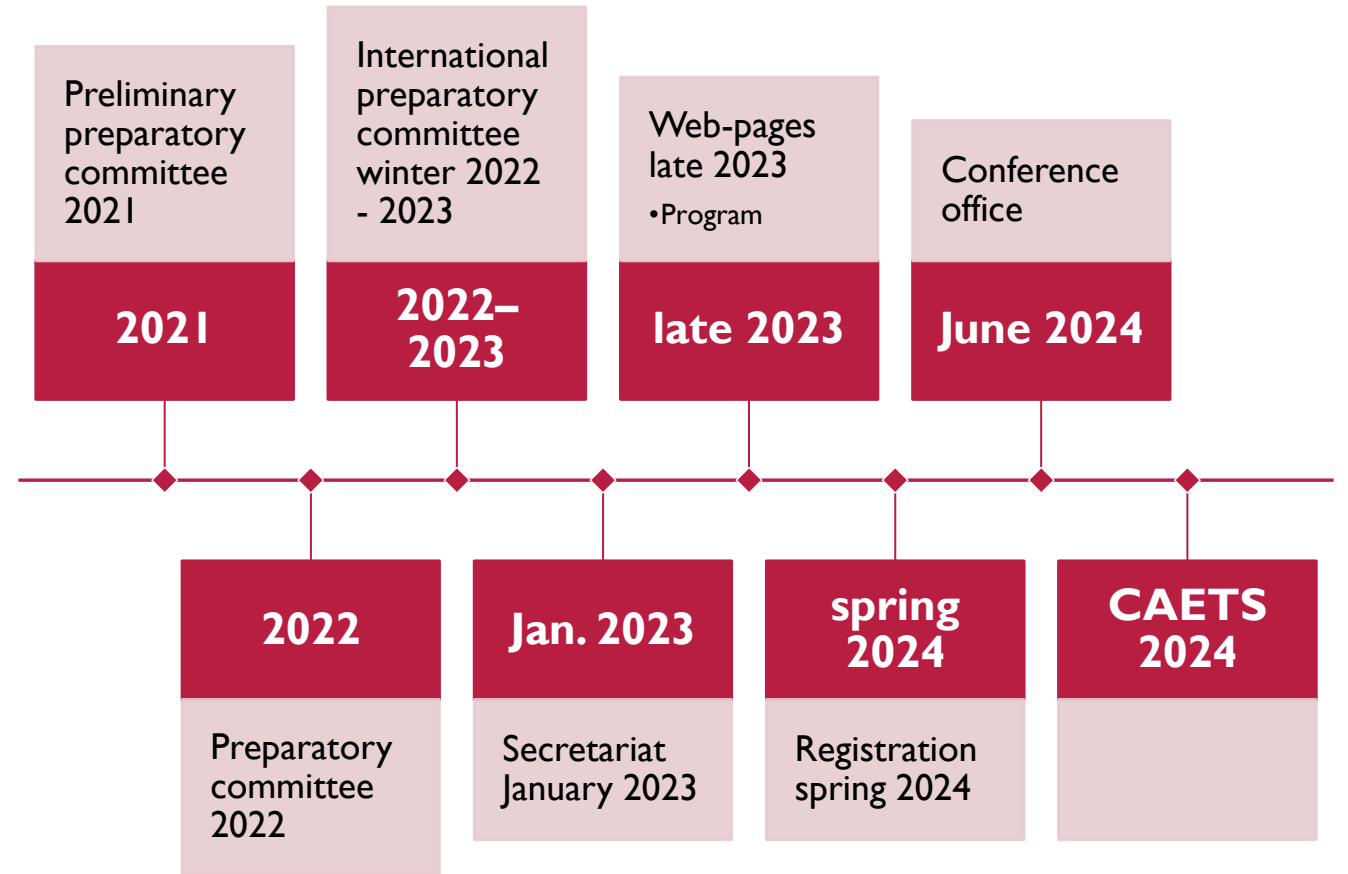
Agriculture & Forestry

Social and economic impact of new technologies

Global questions



TIMETABLE



HELSINKI

Capital of Finland

Population 661 000

Universities, industry, government

Mild weather on June – July

+ 24 C



COFA



- The Council of Finnish Academies works as a co-operative body for the four science academies in Finland
 - Finnish Academy of Science and Letters
 - Finnish Academy of Technical Sciences
 - The Finnish Society of Sciences and Letters
 - The Swedish Academy of Engineering Sciences in Finland

FINNISH ACADEMY OF TECHNICAL SCIENCES

- Est. 1957
- App. 300 ordinary members
- General academy for industry and technology
- Bilingual
- Sister academy The Swedish Academy of Engineering Sciences in Finland



Millennium Technology Prize



- The Millennium Technology Prize is Finland's tribute to global innovations.
- The Prize indicates the crucial role technology and science play in solving the great challenges of the world.
- Earth's resources, a healthy climate, biodiversity and the ability to combat serious illnesses call for global attention.
- The one-million-euro global Prize was first awarded in 2004.
- The President of the Republic of Finland is the patron of the Prize.



Innovations for a better life.



MILLENNIUM
TECHNOLOGY
PRIZE



2020

NEXT GENERATION DNA
SEQUENCING

David Klenerman &
Shankar Balasubramanian

2018

ENABLING SMART TECHNOLOGY
Tuomo Suntola

2016 Nobel 2018

PIONEERING DIRECTED
EVOLUTION
Frances Arnold

2014

INCREASED DATA
STORAGE DENSITY
Stuart Parkin

2012

OPEN SOURCE
OPERATING SYSTEM
Linus Torvalds

2012 Nobel 2012

ETHICAL STEM CELL RESEARCH
Shinya Yamanaka

2010

DYE-SENSITISED SOLAR CELLS
Michael Grätzel

2008

CONTROLLED DRUG RELEASE
Robert Langer

2006 Nobel 2014

BLUE AND WHITE LEDS
Shuji Nakamura

2004

WORLD WIDE WEB
Tim Berners-Lee



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Helsinki

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