

The background of the slide features a bokeh effect with out-of-focus light circles in shades of orange, yellow, and white against a dark, gradient background. The text is centered in the upper half of the image.

Engineering a better world – the next 100 years

Preliminary schedule of CAETS 2019

Tuesday 25/6

Opening Session

09:00–09:30

Tuula Teeri, President of IVA
Ruth A David, Secretary General – Treasurer CAETS

PROGRESS

09:30–12:30

Progress: The First and the Next 100 years

Johan Norberg, Author, lecturer and documentary filmmaker

Internet – Engineering for Society

Olaf Kolkman, Chief Internet Technology Officer, the Internet Society

LIGO – Engineering for Science

Dennis C. Coyne, Chief Engineer LIGO, California Institute of Technology

Lunch

12:30–14:00

CHALLENGES

14:00–17:00

Energy System of the Future – Evolution or Revolution

Marie-Noelle Semeria, Chief Technology Officer of TOTAL (TBC)

Unequal Cities

Edgar Pieterse, Director of African Centre for Cities

Antibiotic Resistance – a Multiple Systems Failure

Threatening Global Sustainable Development

Otto Cars, Senior Professor, Infectious Diseases, Senior Adviser – ReAct, Uppsala University

Water as Leverage, from risk to reward

Henk Ovink, Special Water Envoy for the Netherlands and UN Sherpa

Internet Governance

Allan Dafoe, Director, Governance of AI Program, University of Oxford

Drink reception at the City Hall

19:00–21:00

Hosted by the City of Stockholm

Wednesday 26/6

MORPHING

Creative Chaos

09:00–10:30

Engineering the Climate?

Stefan Schäfer, Scientific project leader, Institute for Advanced Sustainability Studies (TBC)

Panel Discussion:

Future Health – Are New Business Models Required?

The Plastic Challenge

Rajni Hatti-Kaul, Professor in Biotechnology, Lund University

Digital Dawn

10:30–12:00

Productivity and Performance in a Digital Age

Erik Brynjolfsson, Professor at the Massachusetts Institute of Technology

Society 5.0

Yuko Harayama, Former Executive Member of the Council for Science, Technology and Innovation

Lunch

12:00–13:30

Wednesday 26/6

Effective Education

13:30–15:00

The Changing Face of Global Engineering Education

Ruth Graham, Higher education consultant, R H Graham Consulting

Design and Engineering for Sustainability Transitions

İdil Gaziulusoy, Professor of Sustainable Design, Aalto University

Logic and Landscape of the Knowledge System – Implications for the Educational System

Li Jinghai, President of National Natural Science Foundation of China

Inclusive Infrastructure

15:00–16:30

The All-Embracing Transportation System

Dan Work, Professor, Vanderbilt University

The Future Company

Isabell M. Welp, Chair for Strategy and Organization,
Technical University of Munich

**Dinner at Solliden,
Skansen**

19:00

Thursday 27/6

CONCLUSIONS

09:00–12:00

Policy Advice for Engineering Futures

Li Jinghai, President of National Natural Science Foundation of China

Darja Isaksson, Director General VINNOVA

Robert Jan Smiths, Open Access Envoy of the European Commission

Dan Arvizu, Senior Advisor to the Emerson Elemental practice of Emerson Collective

Open Discussion

This last part of the conference will be highly interactive. The idea is to, together with those among the participants that are interested, draw conclusions from the presentations and discussions of the two preceding days.

Lunch

12:00–13:30

Throughout the conference a number of speakers will appear as an intermezzo, giving us a broader perspective on the discussed topic. The list of Intermezzon will be continuously updated

INTERMEZZI

Linda Liukas, Author and Illustrator

Brian Mwenda, Founder & CEO, Hope Tech Plus Limited

Yewande Akinola, Principal Engineer, Laing O'Rourke

Alexandra Ridderstad, Project Manager IVA

Friday 28/6

Technical Tour

09:00–13:00

We welcome you to join us on a tour of Slussen and beautiful Stockholm

Slussen in the immediate centre of Stockholm city is one of the biggest and most startling ongoing projects in Stockholm at the moment.

This €120 million project is a combined urban redevelopment and infrastructure project with high architectural ambitions. Slussen is located at the narrow strait between the world heritage site Old Town and the steep cliffs of Södermalm and therefore requires several complicated and unconventional technical solutions when building the new Slussen. Slussen is in every sense a historical site which gives the project an extra dimension with for example archaeological excavations.

Optional Tech tours will be added shortly.

End of CAETS 2019

Please note that this is a preliminary schedual of CAETS 2019.