



# IVAs 100<sup>th</sup> Anniversary (1919 – 2019)





***CAETS***

***ENGINEERING A BETTER WORLD***

... the Next 100 Years !!





**CAETS**

**ENGINEERING A BETTER WORLD**

... the Next 100 Years !!

- Creative Chaos
- Digital Dawn
- Inclusive Infrastructure
- Effective Education



# Rationale

- 'Academies' - a powerful new tool to radically improve the human conditions of daily life and it should be used for the public good.
- These new academies were the children of the Enlightenment. Rather than trying to shape human nature, the Enlightenment aspiration for progress was concentrated on human institutions.
- Engineering academies are all of a later date but established in the same spirit of *reason, science, humanism, and progress*.



## Rationale cont'd

- Now, as the first of the engineering academies reaches its 100 years' anniversary it is opportune to take this celebration as a point of departure for looking into the present and future role of the engineering academies;
- Have we been successful and efficient in our quest to work *for the benefit of society* ?



# Target group(s)

People who have a wish to morph the engineering and economic sciences into the 21st century by adapting them to the challenges of sustainability while adhering and strengthening their spirit of reason, science, humanism, and progress.

# CAETS 2019 – overview (24 - 28 juni)

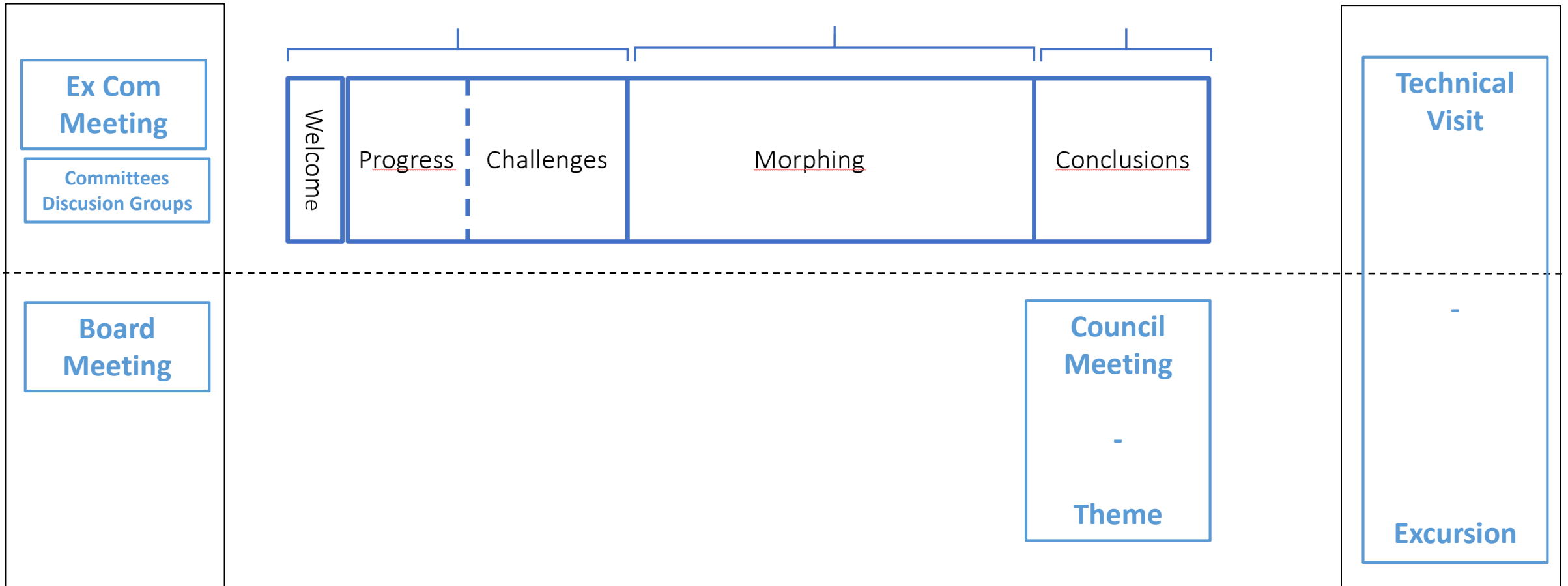
Monday

Tuesday

Wednesday

Thursday

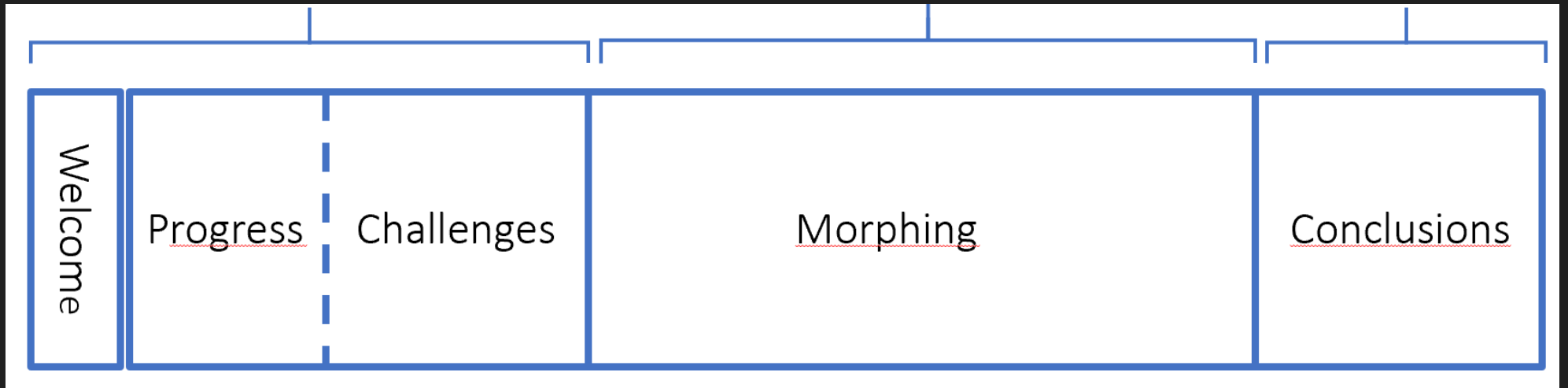
Friday



Reception

Dinner







# The challenges chosen

- *(Re)distribution of resources*
- *Affordable living*
- *Superintelligence*
- *Energy*
- *Health*



# Morphing engineering into our future society

- Develop Inclusive Infrastructure
- Avoid Digital Disruption
- Master Creative Chaos
- Design Effective Education.



# Conclusions



# Virtual International Programme Committee

## East

## West

CAE Siegfrid Wu

RAEng

Nick Tyler

NAEK Inkyu Lee

NAE

Ruth David

EAJ Kayo Takahashi  
Katzuhide Ito

RAI

Pere Brunet

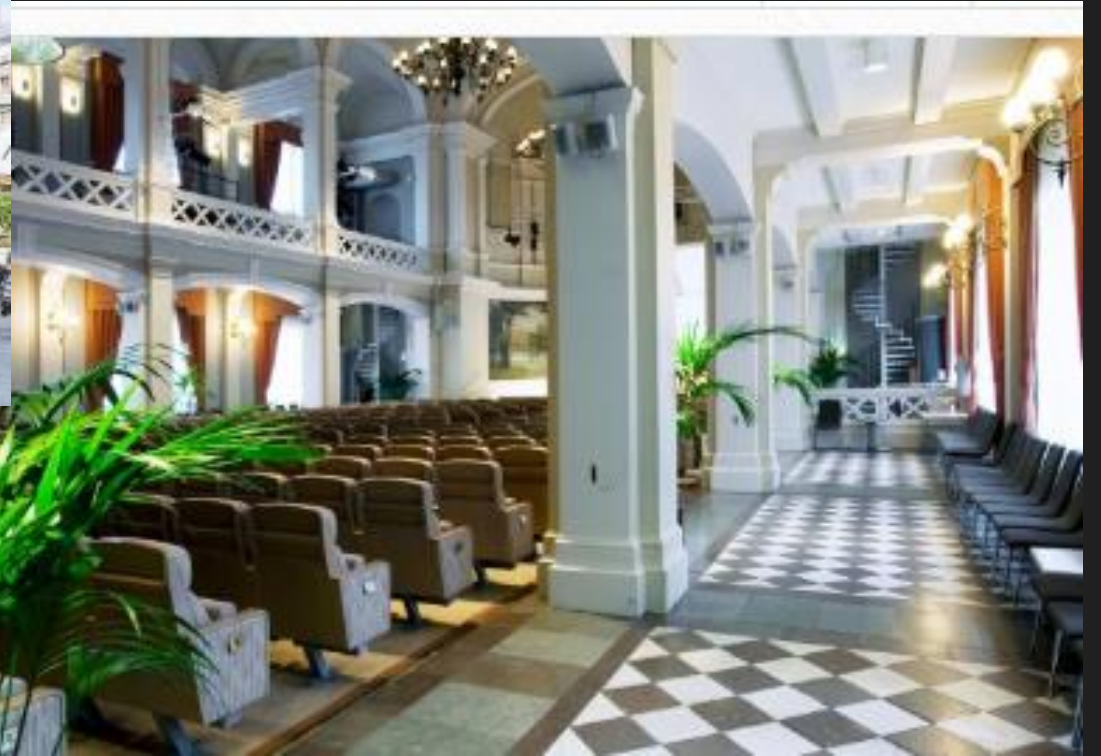
acatech

Reinhard Hüttl

SATW Ulrich Suter



# Venue – Norra Latin





- Welcome to CAETS 2019
- Welcome to Stockholm
- Welcome to celebrate IVAs first 100 years



It's gonna be party time !!!

