



UPPSALA
UNIVERSITET

SuHRF Symposium 2021 – Energy Transition in Heritage Contexts

Wednesday December 1st 2021 at 08.30–12.00

Zoom: <https://uu-se.zoom.us/j/66167824121>

Room: E41 Campus Gotland, Visby

Online – Open to all!

Presentation of current research and visions for the future

Department of Art History/ Conservation – Uppsala University Campus Gotland

Department of Earth Sciences/ Wind Energy – Uppsala University Campus Gotland

EURAC Research/ Institute for Renewable Energy – Bolzano

OPEN EVENT & FREE ADMISSION. Please sign up via suhrf@konstvet.uu.se!

Sustainable Heritage Research Forum – Uppsala University Campus Gotland

www.campusgotland.uu.se/suhrf

SUHRF SYMPOSIUM 2021 PROGRAMME

Energy transition in heritage contexts – presentation of current research and visions for the future

8.30 – 8.45 **Welcome and introduction** – Tor Broström

8.45 – 9.35 **Uppsala University, Conservation Group**

Introduction and overview – Tor Broström

- Energy efficiency and built heritage: legal aspects – Mia Geijer
- Energy efficiency and heritage values in houses: local and regional policies – Mattias Legnér
- Improving energy performance in single family houses from the 20th century – Gustaf Leijonhufvud
- Dynamic management of change: understanding relations between energy efficiency and heritage values – Petra Eriksson
- Smart control of indoor climate – Gustaf Leijonhufvud/Tor Broström

Discussion

Break for coffee/tea

9.45 – 10.35 **Uppsala University, Wind Energy Group**

Introduction and overview – Stefan Ivanell

- Energy transition of islands – policy change imperatives for energy planning and environmental repercussions – Andrew Barney
- Gotland's sustainable energy systems transition: a planning perspective – Gubb Marit Stigson
- NEGAF, Negative emission in agriculture, and ELO, Local ownership in transition towards sustainable energy system – Charlotte Flodin

Discussion

10.45 – 11.35 **EURAC Research**

Introduction and overview – Alexandra Troi

- Solutions for energy retrofit of historic buildings:
 - A heritage and life cycle perspective – Franziska Haas
 - Window solutions for different types of buildings – Dagmar Exner
 - Hygrothermal aspects of interior insulation – Marco Larcher
 - Building integrated photovoltaics – Elena Lucchi
- A regional energy model to show the potential and viability – Wolfram Sparber
- Social Aspects: how to involve society – Jessica Balest

Discussion

11.35 – 12.00 **Q & A and concluding discussion**