



International workshop IST – BME: From multi-criteria to multi-objective life cycle optimization of buildings

April 1 (Friday) 2022, 9 am – 12.30, room 187, Building K, BME,
Budapest, Hungary

and online: <https://bit.ly/3JCtEWN>

- 9.00** **Presentation of the MooB project and the workshop**
Zsuzsa Szalay, BME

- 9.05** **LCA-based multi-criteria analysis of construction materials**
Jose Dinis Silvestre, CERIS, IST

- 9.35** **Global Warming Potential of building construction details**
Balázs Nagy – Martin Marosvölgyi, BME

- 9.55** **Environmental optimization of large PV installations**
Artúr Szilágyi, BME

- 10.10** **LCA based comparison of different technical building systems of detached houses**
Edit Barna - László Gergely, BME

- 10.25 Q&A
- 10.40 Coffee break

- 11.00** **Energy and comfort focused, BIM-based parametric design of facades**
Balázs Fürtön, BME

- 11.20** **Design of a carbon neutral compact house**
Dóra Szagri - Péter Medgyasszay, BME, Belső Udvar

- 11.40** **Environmental and economic optimisation of buildings in Portugal and Hungary**
Zsuzsa Szalay - Benedek Kiss, BME

- 12.00 Final discussion