



CLUSTER INTERNATIONAL CONFERENCE

NEW DESIGN FOR A SUSTAINABLE BUILT ENVIRONMENT:

industrial processes, infrastructures, buildings components, energy management in
Research and Innovation Actions

16TH DECEMBER

Venue: Dipartimento di Storia Culture Civiltà - Università di Bologna
Aula Prodi, Piazza San Giovanni in Monte 2, Bologna

/Program

- 9.30 - 10.00 *Welcome and Introduction (Prof. Annarita Ferrante)*
- 10.00 - 10.40 **Keynotes from Module 1 - Smart Façade**
- 10.00 - 10.20 "TES Energy Façade (Timber-based Element System for improving the energy efficiency of the building envelope)"
TUM Department of Civil, Geo and Environmental Engineering, Technical University of Munich - Stephan Ott
- 10.20 - 10.40 "MORE-CONNECT (Development and advanced prefabrication of innovative, multifunctional building envelope elements for MODular Retrofitting and CONNECTIONS)"
Huygen Installatie Adviseurs - Simona D'Oca
- 10.40 - 11.20 **Keynotes from Module 2 - Industrial processes for the deep renovation of buildings**
- 10.40 - 11.00 "ReCo2ST - Residential Retrofit assessment platform and demonstrations for near zero energy and CO2 emissions with optimum cost, health, comfort and environmental quality"
Technical University of Crete, School of Environmental Engineering - Angeliki Mavrigiannaki
- 11.00 - 11.20 "RenoZEB - Accelerating Energy renovation solutions for Zero Energy buildings and Neighbourhoods"
RINA Consulting Spa - Daniela Riccardo
- 11.20 - 11.40 Coffee break
- 11.40 - 12.20 **Keynotes from Module 3 - Construction processes and technology building blocks**
- 11.40 - 12.00 "P2Endure - Plug-and-Play product and process innovation for Energy-efficient building deep renovation"
DEMO Consultants B.V. - Oana Schippers-Trifan
- 12.00 - 12.20 "4RinEU - Robust and Reliable technology concepts and business models for triggering deep Renovation of Residential buildings in EU"
EURAC Research, Institute for Renewable Energy - Roberta Perneti
- 12.20 - 14.00 Lunch
- 14.00 - 14.40 **Keynotes from Module 4 - Renewable energy and HVAC systems**
- 11.40 - 12.00 "TESse2b - Thermal Energy Storage Systems for Energy Efficient Buildings. An integrated solution for residential building energy storage by solar and geothermal resources"
Polytechnic Institute of Setubal, Mechanical Engineering Department - Luís Coelho
- 12.00 - 12.20 "ZERO-PLUS - Achieving near Zero and Positive Energy Settlements in Europe using Advanced Energy Technology"
**National and Kapodistrian University of Athens, Department of Physics
Margarita Assimakopoulou**
- 14.40 - 15.20 **Keynotes from Module 5 - Smart grid**
- 14.40 - 15.00 "SMART GEMS Energy Network"
Technical University of Crete, School of Environmental Engineering - Kostas Gobakis
- 15.00 - 15.20 "GridAbility"
MANGROVIA Blockchain Solutions - Alex D'Elia
- 15.20 - 15.40 Coffee break
- 15.40 - 17.40 **Posters presentation and interdisciplinary focus**
- 17.40 - 18.00 *Closing the conference*
- 18.00 - 19.00 *Farewell networking & Cocktail buffet*

Participation in the conference will entitle to 5 course credits (CFP) for Engineers and Architects.

For **Architects**: registration on the website <https://eventi.unibo.it/cluster-event-da>.

For **Engineers**: registration on the website <https://formazione.ordingbo.it/>.

In case of impossibility to participate, it is mandatory to cancel in order to allow the participation of other potential interested colleagues.
To obtain the CFP it is necessary to participate in the entire event.