SCIENTIFIC COMMITTEE

dr. Paolo Negro – European Commission Joint Research Centre
prof. Paolo Riva – Università degli Studi di Bergamo
prof. Nemkumar Banthia – University of British Columbia
dr. Marco Castagna – EURAC Research
Prof. Helena Gervasio – Universidade de Coimbra
dr. Roberto Lolli – EURAC Research
prof. Alessandra Marin – Università degli Studi di Bergamo
prof. Marina Montuori – Università degli Studi di Brescia
dr. Oliver Ropf – Building Performance Institute Europe
prof. Koji Sakai – Japan Sustainability Institute
prof. Matthias Sauerbruch – Sauerbruch Hutton, Berlin
dr. Alexandra Troi – EURAC Research
dr. Heiko Trumpf – Bollinger + Grohmann Ingenieure

ORGANIZING COMMITTEE

The workshop is jointly organized by European Commission Joint Research Centre and Università degli Studi di Bergamo.

dr. Paolo Negro – European Commission Joint Research Centre
prof. Paolo Riva – Università degli Studi di Bergamo
Barbara Angi – Università degli Studi di Brescia
Alessio Caverzan – European Commission Joint Research Centre
Marco Lamperti – European Commission Joint Research Centre
prof. Alessandra Marin – Università degli Studi di Bergamo
Artur Pinto Vieira – European Commission Joint Research Centre
Geraldine Sachs – European Commission Joint Research Centre

SAFESUST Workshop

A roadmap for the improvement of earthquake resistance and eco-efficiency of existing buildings and cities

Joint Research Centre, Ispra
November 26-27, 2015

https://ec.europa.eu/jrc/
DEFINITIVE PROGRAMME

Structures Session  November 26th, 09:00
Keynote lecture: Helena Gervásio
Eco-structural efficiency in natural hazard events

Robert Apostolska – Ss. Cyril and Methodius University, Skopje
The need of integrated renovation of the existing building stock in Macedonia

Alessandra Marini – Università degli Studi di Bergamo
Coupling energy refurbishment with structural strengthening in retrofit interventions

Elvira Romano – Università degli Studi di Napoli Federico II
Improving sustainability performances of existing buildings: a case study

Antonio Salzano – Università degli Studi di Salerno
Seismic retrofitting and new way of living in existing social housing settlements

Session Rapporteur Paolo Riva: Summary of selected presentations

Energy Session  November 26th, 11:30
Keynote lecture: Alexandra Troi
Transforming of existing buildings balancing energy, comfort and heritage value

Jesús García Domínguez – ACCIONA Infraestructuras S.A.
BREakthrough Solutions for Adoptable Envelopes in building Refurbishments

Stefano Prosseda – TIS innovation park
Lime plastering systems for energy-efficient and seismic retrofitting

Francesca Guidolin – Università IUAV di Venezia
Taxonomy of the redevelopment methods for non-listed architecture: from façade refurbishment to the exoskeleton system

Valentina Puglisi – Politecnico di Milano
A new model to evaluate the performance of the building envelope

Session Rapporteur Roberto Lollini: Conclusions and final remarks

Materials Session  November 26th, 14:30
Keynote lecture: Nemkumar Banthia
Smart City Dream Through Engineered High Performance Materials

Takafumi Noguchi – The University of Tokyo
Sustainable Recycling of Concrete with Environmental Impact Minimization

Petr Hájek – Czech Technical University, Prague
Sustainable concrete structures – Contribution to the development of a sustainably built environment

Costantino Menna – Università degli Studi di Napoli Federico II
LCA-based sustainability assessment approach applied to structural retrofit of buildings

Liberato Ferrara – Politecnico di Milano

Session Rapporteur Koji Sakai: Summary of selected presentations

Financial Session  November 26th, 16:45
Keynote lecture: Oliver Rapf
Investing in buildings efficiency - challenges and opportunities

David Christmann – PATRIZIA Immobilien AG
The tension between competition and regulation on European real estate markets

Alessio Rimoldi – BIBM, European Federation for Precast Concrete / The Concrete Initiative
An extended financial dimension of sustainability

Nelson Silva Brito – University of Coimbra / modular / ICOMOS ISCES
Common Efficacy: from what we "have and know" to what we "need and expect"

Giampiero Bambagioni – European Real Estate Institute
European existing buildings heritage: financial aspect and evaluation of cost-benefit related to lifecycle and performance

Stefano Bellintani – Politecnico di Milano
Decision support tools for efficiency in energy field

Session Rapporteur Marco Castagna: Conclusions and final remarks

Closing 18:30

Dinner 19:30

Architecture and City Planning  November 27th, 09:00
Keynote lecture: Matthias Sauerbruch
25 years of sustainable buildings

Roberta Grignolo – Università della Svizzera italiana
A large scale approach for sustainable interventions on built heritage

Greta Bruschi – Università IUAV di Venezia
Seismic risk, Restoration, Sustainability: between prevention and compatible materials

Alfredo Baladrón Carrizo – Virgula i
Sensible Architecture: Sustainability as a part of the Architectural Design Process

Barbara Di Gregorio – RARE Office, Architekturbüro
The Urban Ruins of San Berillo, Catania, Italy

Massimiliano Botti – Università degli Studi di Brescia
Urban Eutopia Strategies for the combined redevelopment of Social housing

Session Rapporteur Heiko Trumpf: Summary of selected presentations

Lunch 13:30

Synthesis and Roundtable discussion  November 27th, 14:30

Closing 16:30