

**14th April 2021**

Start	End	14th April 2021	
09:00	09:10	Registration	
09:10	09:30	Opening	
09:30	10:30	<p><b>Keynote 1 - Dr. Ege Yildirim</b> <i>Power Back On: Built Heritage and Beyond as a Force for Sustainable Development</i></p>	
10:30	10:50	Online networking & helpdesk	
10:50	11:00	Break	
		<b>Innovation in materials, products, and systems with attention to hygrothermal performance</b>	<b>Renewable energy integration in historic buildings, areas, and landscapes</b>
11:00	11:20	<b>366 - Mauri Sara</b> <i>High-performance materials and technological solutions to improve the thermal performance of historic buildings</i>	<b>348 - Peluchetti Alessia</b> <i>Criteria for building types selection in preserved areas to pre-assess the BIPV solar potential - The case study of Como land area</i>
11:20	11:40	<b>392 - La Placa Erica</b> <i>Plaster ventilated façade system for renovating modern and ancient buildings. A CFD analysis</i>	<b>360 - Polo López Cristina S.</b> <i>Swiss case studies examples of solar energy compatible BIPV solutions to energy efficiency revamp of historic heritage buildings</i>
11:40	12:00	<b>400 - Rieser Alexander</b> <i>Experimental measurement of materials' drying coefficient for internal insulation: new approaches for laboratory testing</i>	<b>417 - Durante Antonello</b> <i>Building integrated photovoltaic in heritage contexts award: an overview of best practices in Italy and Switzerland</i>
12:00	12:20	<b>410 - Borderon Julien</b> <i>Assessment of Void Insulation Panels for innovative thermal insulation of apartments in heritage buildings</i>	<b>361 - Polo López, Cristina S.</b> <i>Strategies and tools for potential assessment of Renewables (RES) in Alpine Space areas valid for historic buildings and sites.</i>
12:20	12:40	<b>440 - Avella Francesca</b> <i>Indoor Air Quality Monitoring in a Historic School in South Tyrol, Italy</i>	
12:40	13:40	Lunch break	
		<b>Best practice examples - I</b>	<b>Renovating historic buildings towards zero energy</b>
13:40	14:00	<b>338 - Gökçen Akkurt Gülden</b> <i>Comfort based investigation on historic libraries for user satisfaction and preservation of paper-based collections</i>	<b>342 - Rose Jørgen</b> <i>Comprehensive energy renovation of two Danish heritage buildings within IEA SHC Task 59</i>
14:00	14:20	<b>395 - Broström Tor</b> <i>The power from above - A novel church heating system</i>	<b>351 - Curtis Roger</b> <i>Thermal upgrades in traditional buildings – a multi factored approach</i>
14:20	14:40	<b>411 - Murillo Sofia</b> <i>A sociotechnical approach to users' heritage values and decision-making processes for energy efficiency and thermal comfort in heritage buildings: A pilot study in Mexico City</i>	<b>355 - Johansson Dennis</b> <i>Prioritize the right energy and power measures in culturally valuable buildings – approach and measure selection</i>
14:40	15:00	<b>442 - Kilian Ralf</b> <i>The Alte Schöfflerei at Benediktbeuern Monastery – Conjunction of Architectural Conservation and Energy Performance Improvement in a Historic Buildings</i>	<b>398 - Elnagar Essam</b> <i>Refurbishment concepts for a student housing at the Otto Wagner Areal in Vienna under the aspects of sustainability, energy efficiency and heritage protection</i>
15:00	15:20	Meet & Greet	
15:20	15:30	Break	
		<b>Design, construction and operation of solutions for climate change resilience</b>	<b>Design support methods, tools and certification in the energy retrofit of historic buildings - I</b>
15:30	15:50	<b>422 - Bichlmair Stefan</b> <i>Energetic refurbishment of windows of listed building Alte Schöfflerei and overall energy balance</i>	<b>409 - Ammer Valentin</b> <i>Consideration of driving rain penetration in hygrothermal simulations of half-timbered walls</i>
15:50	16:10	<b>359 - Gherri Barbara</b> <i>On Venetian Campi Resilience to Climate Change</i>	<b>372 - Libralato Michele</b> <i>Multiyear hygrothermal performance simulations of historic building envelopes</i>
16:10	16:30	<b>370 - Lo Faro Alessandro</b> <i>The dynamic thermal energy simulation of a historic building in Mediterranean climate: knowledge and simplification</i>	<b>431 - Panico Simone</b> <i>Hygrothermal analysis of a wall isolated from the inside: the potential of dynamic hygrothermal simulations</i>
16:30	16:50	Meet & Greet	
16:50	17:00	Break	
17:00	18:00	<b>Workshops - Felicity</b>	<b>Workshops - BiPVMH</b>
	18:30		

Start	End	15th April 2021	
		<u>Welcome session</u>	
09:00	09:10	Franziska Haas, ATLAS project coordinator Johann Vonmetz, President of the Architects Chamber	
		Research meets Practice	Policies, programs, and regulations for historic buildings and neighbourhoods
09:10	09:30	RmP 1 - Haus Moroder, IT - Michael Tribus	371 - Malafry Melina <i>Energy efficiency and cultural heritages value – conflicts and potential solutions</i>
09:30	09:50	RmP 2 - Sep Ruff early work, DE - Friedmann Zeitler	394 - Femenias Paula <i>How well do policies for energy efficiency and heritage values in the housing stock work? Preliminary results of a study comparing two Swedish municipalities</i>
09:50	10:10	RmP 4 - Giatla Haus, AT - Reinhard Madritsch	426 - Leijonhufvud Gustaf <i>Assessing and enhancing EN 16883:2017</i>
10:10	10:30	RmP 3 - Idrija mercury smelting plant, SL - Aleš Hafner	406 - Marincioni Valentina <i>Towards an integrated moisture-safe retrofit process for traditional buildings in policy and industry</i>
10:30	10:50	Meet & Greet	Virtual tour of NOI Techpark
10:50	11:00	Break	
		Research meets Practice	
11:00	12:00	Keynote 2 - Ir. Arch. Stijn Cools <i>Heritage design in the age of sustainism</i>	
		Research meets Practice	Design support methods, tools and certification in the energy retrofit of historic buildings - II
12:00	12:20	416 - Haas Franziska <i>Making deep renovation of historic buildings happen – learnings from the Historic Building Energy Retrofit Atlas</i>	368 - Dalel Kaoula <i>Limitation of the environmental impacts of a heritage hotel building by life cycle analysis (LCA)</i>
12:20	12:40	415 - Rieser Alexander <i>A new decision guidance tool for the adoption of energy retrofit solutions in historic buildings</i>	399 - Egusquiza Aitziber <i>Data-driven and community based resilience and climate adaptation of historic areas: Shelter project</i>
12:40	13:40	Lunch break	
		Research meets Practice	Training & education to promote adoption of sustainable approaches in the built heritage
13:40	14:00	RmP 5 - Castel Doragno, CH. DeltaZERO - Maria Mazza & Stefano De Angelis	424 - Troi Alexandra <i>Teaching experience with the Historic Building Energy Retrofit Atlas – HiBERATLAS</i>
14:00	14:20	RmP 6 - House of the park of the Alpilles, FR. PNR des Alpilles – Martine Bresson	401 - Hermann Carsten <i>Raising awareness and training professionals to assess climate risks to historic buildings and commence adaptation planning - Experiences from Adapt Northern</i>
14:20	14:40	RmP 7 - AT EIV – Breuer	344 - Franco Giovanna <i>Educating about sustainability in Cultural Heritage: 'hard' and 'soft' sciences in comparison</i>
14:40	15:00	339 - Khoja Ahmed <i>Socioeconomic Reflections on Historic Buildings Renovations: A Portrait of Rural Alpine Municipaliess</i>	441 - Hess Mona <i>M.Sc. Digital Technologies in Heritage Conservation. Sustainable mission for education in heritage</i>
15:00	15:20	Meet & Greet	
15:20	15:30	Break	
		Research meets Practice	
15:30	17:00	<b>Roundtable: The role of historic buildings in new European policies</b> <u>Moderator:</u> Franziska Haas, Eurac Research & ICOMOS International Scientific Committee for Energy and Sustainability  <u>Guest speakers:</u> Erminia Sciacchitano, Italian Ministry of Culture Johanna Leissner, Fraunhofer & German Research Alliance Cultural Heritage Lisanne Havinga, Eindhoven Institute of Renewable Energy Systems (EIRES) Jacqui Donnelly, Irish Department of Housing, Local Government and Heritage Roswitha Kaiser, Head of the Directorate General for Cultural Heritage in Rheinland-Pfalz Germany	
17:00	17:20	Meet & Greet	

Start	End	16th April 2021	
		<b>Design support methods, tools and certification in the energy retrofit of historic buildings - II</b>	<b>Preservation and enhancement of cultural landscapes towards a low-carbon built environment</b>
09:10		<b>334</b> - Dolzani Carlotta <i>CasaClima R: a protocol for energy refurbishment supported by verification tools</i>	<b>403</b> - Elbardisy Abdelrahman <i>Sustainable refurbishment of abandoned urban areas: the case study of former SIAPA area, Galliera – Bologna, Italy</i>
	09:30		
09:30		<b>363</b> - Arfvidsson Jesper <i>A method for status determination and risk assessment of energy measures in of historical buildings</i>	<b>432</b> - Balest Jessica <i>Materiality, meanings, and competences for historic rural buildings: a social practice approach for engaging local communities in energy transition.</i>
	09:50		
09:50		<b>353</b> - Ni Zhongjun <i>Improving energy efficiency while preserving historic buildings with digital twins and artificial intelligence</i>	<b>420</b> - Smith Oliver <i>Squaring the Circle</i>
	10:10		
10:10		<b>404</b> - Ruschi Maria <i>Cross information and BIM interoperability tools for energy retrofit analysis</i>	<b>375</b> - Harvey Claire <i>Stakeholders' perspectives on energy related Smart City technologies: POCITYF's standpoint</i>
	10:30		
10:30		Meet & Greet	
	10:50		
10:50		Break	
	11:00		
		<b>Keynote 3 - Prof. Harald Garrecht</b> <i>Margarethenhöhe goes towards low-carbon area: sustainable concepts for energy-efficient built heritage</i>	
	12:00		
		<b>In-depth analysis of traditional practices for adaptation to a low-carbon built heritage</b>	<b>Design support methods, tools and certification in the energy retrofit of historic buildings - II</b>
12:00		<b>396</b> - Leonardi Eleonora <i>Water absorption characterisation of historic plasters. Comparison of different methodologies in a case study in Tyrol, Austria</i>	<b>408</b> - Gori Virginia <i>Assessing the role of simulation tool selection for the evaluation of heat and moisture balance in historic buildings</i>
	12:20		
12:20		<b>362</b> - Genova Enrico <i>Integrating thermal and mechanical characteristics of historic masonry categories: development of a Sicilian database</i>	<b>439</b> - Larcher Marco <i>Using hygrothermal simulations to define safe and robust energy retrofit solutions: interior insulation of a mountain hut with extreme climate conditions</i>
	12:40		
12:40		Lunch break	
	13:40		
		<b>Performance upgrading and re-use of buildings for a low-carbon built heritage</b>	<b>Best practice examples - II</b>
13:40		<b>340</b> - Drössler Eckart <i>Building culture or can it go away? Renovation pilots can help...</i>	<b>350</b> - Essig Natalie <i>Sustainable Historic Architecture in Rural Areas – Concept of a Sustainable and Low carbon Retrofit of a Bavarian Farm House</i>
	14:00		
14:00		<b>364</b> - Aboulnaga Mohsen <i>Sustainability Assessment of restored historic buildings — Case study of Baron Empain Palace in Heliopolis, Cairo, Egypt: Representation analysis of the building and site</i>	<b>354</b> - Hanan Ibrahim <i>Evaluation of A Retrofitted Heritage Building in Downtown Cairo as a Best Practice Example</i>
	14:20		
14:20		<b>405</b> - Vite Clara <i>A reactivation project of a district of the historical centre of Genova</i>	<b>427</b> - de Place Hansen Ernst Jan <i>Deep renovation of an old single-family house including application of an water repellent agent – a case story</i>
	14:40		
14:40			<b>443</b> - Antolín Gutiérrez Javier <i>Energy efficiency for a historic market: the case study of the Mercado del Val</i>
	15:00		
15:00		Meet & Greet	
	15:20		
15:20		Closing remarks and awards	
	15:40		