

# 17.10.2018

## Morning Session

08.30 09.30	<b>Registration</b>	
09.30 10.30	Opening Speeches	Timuçin Harputlugil, Claudio Gambardella, Pieter De Wilde (Congress Chairs) Luigi Maffei, M. Harun Batirbaygil (Congress Presidents) Kenan Taş (Vice Rector of Çankaya University)
	Supporting Organizations	Zühal Özcan (GRID Journal) Claudio Gambardella (SID) Antonella Violano (SITdA) Carlo Vezzoli (LeNS)
10.30 11.00	<b>Coffee Break</b>	
11.00 11.45	<b>Keynote Speech (Susan Roaf)</b>	
11.45 12.00	<b>Coffee Break</b>	

## Parallel Sessions

	HALL 1	HALL 2	HALL 3
	Session Number: 101A MODERATOR: Gülser Çelebi	Session Number: 102A MODERATOR: Marina D'Aprile	Session Number: 103A MODERATOR: Ali Türel
12.00 13.00	<b>Beyond the limits of Building Performance Analysis</b> Pieter De Wilde	<b>Influence of structural typologies on architectural style of high-rise steel buildings</b> Gianfranco De Matteis, Valentina Corlito, Graziella Soletti	<b>"Reconstructing" Traditional Settlements in Cappadocia: Questions of Sustainability</b> Fatma Gül Öztürk Büke
	<b>Conceptual Framework for Developing Next Generation of Energy Performance Certification (EPC) Systems</b> Timuçin Harputlugil	<b>An analysis on mixed-use high-rise residential complexes in Istanbul as to their prioritization of evaluation categories in LEED</b> Özge Süzer, Meltem Yılmaz	<b>A museum system of design/craft for sustainable development in southern Italy</b> Claudio Gambardella, Dario Russo
	<b>Impacts of Recently Developed Squatter Settlements Transformation Projects on Urban Heat Islands: A Comparative Study in the City of Ankara</b> Ayşem Berrin Çakmaklı, Funda Baş Bütüner	<b>Opaque and transparent innovative systems for a smart second skin building envelope</b> Yorgos Spanodimitriou, Sergio Sibilio, Antonio Rosato, Michelangelo Scorpio, Giovanni Ciampi, Giuseppina Luliano	<b>Wayfinding as an Aspect of Social Sustainability</b> İpek Memikoğlu, Hetham F. Layas
	<b>Energy, environmental and economic performance of an innovative solar heating network serving a small-scale Italian district</b> Antonio Rosato, Antonio Ciervo, Giovanni Ciampi, Michelangelo Scorpio, Sergio Sibilio, Luigi Maffei	<b>An Assessment of the Energy Performance Evaluation within the Form Conception Process</b> Cem Ataman, İpek Gürsel Dino	<b>The Social Role of Architectural Types: Cultural Sustainability in Architecture and the Possibility of Convention</b> Zeynep Cigdem Uysal Ürey
13.00 14.00	<b>Lunch</b>		

## Afternoon Session

	HALL 1	HALL 2	HALL 3
	Session Number: 101B MODERATOR: Adriana Galderisi	Session Number: 102B MODERATOR: Cüneyt Elker	Session Number: 103B MODERATOR: Zühal Özcan
14.15 15.30	<b>Environmental Sustainability of Being The Leading Building Producer in Europe: Developing Valuable Land For Building and Facilities Construction in Turkey</b> Ali Türel	<b>A bio-based grown material for living buildings</b> Antonella Violano, Salvatore Del Prete	<b>Learning from Cohousing: Social Contact Design Patterns for Cohesion and Sustainability</b> Şule Taşlı Pektaş
	<b>Large-scale ecosystems regeneration: enabling the transition to a circular economy in the Vesuvius coastal area</b> Rossella Franchino, Serena Viola	<b>A step towards understanding industrial hemp: From hidden industry to a material in architecture</b> Esen Gökçe Özdamar	<b>Design research models for territories: local resources for social inclusion</b> Vincenzo Cristallo, Ivo Caruso
	<b>Sustainable Urban Planning: Analysis of Open Public Spaces in Post-Soviet Districts of Lithuanian Cities</b> Jolita Sinkiene, Kęstutis Zaleckis, Indrė Gražulevičiūtė-Vileniške, Jurga Vitkuviene, Brigita Tranavičiūtė, Huriye Armağan Doğan, Tomas Grunskis	<b>Weaving the contemporary actuality in the use of raw materials in the production chain of the fashion industry</b> Elisabetta Cianfanelli, Renato Stasi, Margherita Tufarelli	<b>Resilience planning from theory to practice</b> Deniz Altay Kaya
	<b>Urban sustainable innovative actions: the I.Re.Ne. Project</b> Maria Antonietta Sbordone, Claudia De Biase, Michela Monaco	<b>Prediction of heat cost indicator in a home office using artificial neural network and genetic algorithm models</b> Yasemin Öztürk, Tuğçe Kazanasmaz, Gökmen Tayfur	<b>Cultural Routes in South Italy: methods and projects</b> Anna Giannetti, Elena Manzo
	<b>Eco-industrial Parks and Sustainability: A Case of Green Organized Industrial Zone from Turkey</b> Suna S. Özdemir	<b>Courtyards thermal efficiency during hot regions' typical winter</b> Omar Al-Halith, Satish B. K., Pieter De Wilde	<b>The actuality of MAT-Building or the deployed hub in the suburban contemporary territory</b> Gaspere Oliva
15.30 15.45	<b>Coffee Break</b>		

## Parallel Sessions

	HALL 1	HALL 2	HALL 3
	Session Number: 101C MODERATOR: Cengiz Özmen	Session Number: 102C MODERATOR: Antonio Rosato	Session Number: 103C MODERATOR: Fabrizio Ippolito
15.45 17.00	<b>From Design to construction in Architecture: A critical phase that redefines the role of the architect in the profession</b> Karen Aboujaoudeh Khoury	<b>Effects of architectural and behavioural factors on indoor air quality in residential apartments</b> Papatya Nur Dokmeci Yorukoglu, Ehab Ali Eshtwi	<b>Conservation state and structural deficiencies of typical Italian bridges</b> Gianfranco De Matteis, Mattia Zizi, Antonino Del Prete
	<b>Blockchain technology: opportunities for sustainability of construction sector</b> Monica Cannaviello, Nadia Netti	<b>Effectiveness of Energy And Daylight Performance of Venetian Blind of Office</b> Mine Çelebi Yazıcıoğlu	<b>Application of a multiple regression model for estimating the performance of a prismatic panel in varying room and window sizes</b> Fatma Büşra Köse, Tuğçe Kazanasmaz
	<b>Sustainable innovation: design and new technologies</b> Valentina Sapia	<b>Multiple Configurations of a Kinetic Shading System to Test Daylight Illuminance and Uniformity</b> Aslıhan Çevik, Tuğçe Kazanasmaz	<b>Remote sensing and sustainability. Case studies in Campania</b> Alessandra Avella, Pasquale Argenziano, Nicola Pisacane
	<b>The Computation of Performative Architecture within Integrated Design Process</b> Cem Ataman, İpek Gürsel Dino	<b>Comparison of material alternatives in a classroom in terms of daylight distribution and visual comfort survey</b> Yasemin Öztürk, Arzu Cilasun Kunduracı, Tuğçe Kazanasmaz	<b>Wind energy: differentiating perspectives</b> Başak Demir
	<b>Hybrid biomimetic design for sustainable development through multiple perspectives</b> Carla Langella, Valentina Perricone	<b>Evaluation of environmental factors in office environments with green intent in terms of user satisfaction: indoor air quality</b> Çetin Tünger, Zeynep Öktem, Ayça Turgay	
17.00 17.15	<b>Coffee Break</b>		

## Parallel Sessions

	HALL 1	HALL 2	HALL 3
	Session Number: 101D MODERATOR: Ezgi Kahraman	Session Number: 102D MODERATOR: Gianfranco De Matteis	Session Number: 103D MODERATOR: Gülser Çelebi
17.15 18.15	<b>Social &amp; cultural sustainability: street art in Naples</b> Ornella Zerlenga	<b>How can we make sustainable design?</b> Maria Dolores Morelli	<b>The room acoustic analysis of TED high school main lecture hall</b> Kıvanç Kitapçı
	<b>Social &amp; cultural sustainability: street art in Italy</b> Vincenzo Cirillo	<b>The design from autarky to the circular economy</b> Angela Pecorario Martucci	<b>The sound as factor of reuse of Cultural Heritage in a modern key</b> Roxana Adina Toma, Massimiliano Masullo, Luigi Maffei
	<b>Sustainability Beyond Architecture: beyond concepts, beyond scale and beyond time</b> Ebru Bingöl	<b>From Badlands of Plastics to "Up-cycled" Objects: "Tertium Non Data"</b> Rabia Çiğdem Çavdar	<b>An investigation on indoor soundscape in high school environment</b> Sıla Çankaya Topak
	<b>Meaning in Cultural Sustainability</b> Gökçe Atakan, Saadet Akbay		<b>Room Impulse Response in Game Engines</b> Hasan Baran Fırat, Massimiliano Masullo, Luigi Maffei
19.00	<b>Departure for Gala Dinner</b>		
20.00	<b>Gala Dinner (ODTÜ Vişnelik)</b>		

# 18.10.2018

## Morning Session

09.30 10.15	Keynote Speech (Bırol Kalkış)
10.15 10.30	Coffee Break
10.30 11.30	<b>Special Session on Performance Simulations in Sustainable Building Design</b> Moderated by: Gülsu Ulukavak Harputlugil Opening Address by (video conference) Dru Crawley "Building Simulation for High Performance Buildings" Pieter De Wilde "Building Performance Simulation in Engineering Practice" Gökhan Ünlü "Building Performance Simulation Applications in Turkey: Opportunities vs. Challenges" Gülsu Ulukavak Harputlugil
11.30 11.45	Coffee Break

## Parallel Sessions

HALL 1	HALL 2	HALL 3
Session Number: 201A	Session Number: 202A	Session Number: 203A
MODERATOR: Mehmet Tuncer	MODERATOR: Gül Öztürk	MODERATOR: Carla Langella
<b>Design as a critical interpretation of the world</b> Alessandra Cirafici, Fabrizia Ippolito, Caterina Fiorentino	<b>Historical thermal baths in Europe: a research methodology for restoration and preservation</b> Elena Manzo, Ilaria Pontillo	<b>Business continuity of lodging industry in the face of disasters: A case study from Turkey</b> Ezgi Orhan
<b>Achieving Socially Sustainable Environments through Empathic Modelling</b> İpek Memikoğlu	<b>Sustainability and Built Heritage Conservation in Today's Italy: an appraisal among theory, method and practice</b> Marina D'aprile	<b>Analysis of Building Stock and Development of Building Typologies in Turkey</b> Nuri Cihan Kayaçetin, Gülsu Ulukavak Harputlugil, A. M. Husaundee, M. S. Dizdaroğlu
<b>Why in-between spaces are important to everyday architecture?</b> Susana Alves	<b>Importance of the Sustainable Planning in Campus Settlement – A Negative Example: Aleaddin Keykubat Campus - Turkey</b> Süheyla Büyüksahin Sıramkaya, Dicle Aydın, Esra Yıldız	<b>Urban transformation in Turkey; which aims disaster preventive and sustainable development or else?</b> Binalli Tercan
<b>Determining the Attitude-Behavior Gap Towards Sustainable Communities</b> Can Göğelioglu, Simge Özdal Oktay	<b>Sustainability of Architectural Cultural Heritage in the Roman Imperial Period</b> Aygün Kalınbayrak Ercan	<b>Accommodation strategies of Syrians in Turkey</b> Dilşah Günaydın Temel, Ezgi Haliloğlu Kahraman
<b>Ideology of Sustainable Architecture: A Critique</b> Onur Lami Yalman	<b>Assessing the Sustainability of Historical Continuity in Multi-Layered Historic Towns: The Case of Amasya, Turkey</b> Leyla Etyemez Çıplak	<b>Evaluation of Sustainability of Housing Transformations in Copenhagen</b> Nezh Burak Bican

13.00 14.00	Lunch
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## Afternoon Session

HALL 1	HALL 2	HALL 3
Session Number: 201B	Session Number: 202B	Session Number: 203B
MODERATOR: Alessandra Cirafici	MODERATOR: Ceren Katipoğlu Özmen	MODERATOR: Ezgi Orhan
<b>Urban conservation in Ankara is sustainable? Implementations in Ulus and Hacı Bayram Mosque Environs Since 30 Years</b> Mehmet Tuncer	<b>Authenticity and Sustainability</b> Rui Duarte	<b>Sustainable methodologies for stability assessment of masonry vaulted structures</b> Gianfranco De Matteis, Daniela Cacace, Claudia Cennamo, Concetta Cusano
<b>Sustainability of Heritage Conservation Council System in Turkey</b> Mustafa Önge	<b>Campania Felix from rural landscapes to smart lands</b> Francesca Castanò	<b>Vernacular Techniques in Danger: Wattle and Daub Construction Technique of Mediterranean Region</b> Hilal Tuğba Örmecioglu
<b>Energy efficiencies of cultural heritage through recovery of damages by natural event: the case of the Gallery of Nations inside the church of Michelucci in Florence</b> Paola Gallo, Leonardo Bogani	<b>Sustainability of Rural Identity: Learning from Kıyıkışlak's Self-Generated Experience</b> Damla Yeşilbağ	<b>Sustainable Architectural Rehabilitation: the Palm tree Manor in Portugal</b> Ana Paula Pinheiro
<b>User Perception and Orientation in the Museum Designed by Re-Functioning: Erimtan Archeology and Art Museum Example</b> Şükran Büşra Ümütlü	<b>The Role of Participation in Identification and Sustainability of Heritage; the case of the Windmill of Heybeliada</b> Burcu Büken Cantimur, A. Binnur Kırac, Gülce G. Okyay	<b>A Conservation Process of Cultural Heritage: Ankara Saraçoğlu Quarter</b> Gülşah Şenocak
<b>Adaptive Re-use, Sustainability and the Modern Movement</b> Huriye Armağan Doğan	<b>The Evaluation of Early Republican Industrial Buildings in Antalya in the Context of Cultural Sustainability</b> Emine Barbaros Akay, Yaren Şekerci, Hilal Tuğba Örmecioglu	<b>Analysis of Kızılcaşar Village in terms of Vernacular Architecture</b> Filiz Koçyiğit, Nazlı Nazende Yıldırım, Papatya Nur Dökmeçi Yörükoğlu
	<b>Defining Cittaslow requirements in the context of sustainability</b> Ayça Özmen	

15.45 16.00	Coffee Break
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## Parallel Sessions

HALL 1	HALL 2	HALL 3
Session Number: 201C	Session Number: 202C	Session Number: 203C
MODERATOR: Mustafa Önge	MODERATOR: Fabiana Forte	MODERATOR: Elena Manzo
<b>Sustainable Conservation of Cultural Landscape and Changing Values Around Hacı Bayram Mosque and Augustus Temple</b> Mehmet Tuncer, Öznur AYTEKİN	<b>Using Spolia in Ottoman Architecture: Searching for Continuity on an Architectural Symbol of Power through Re-use of Materials</b> Ceren Katipoğlu Özmen	<b>The Functional Continuity of Historic Cumhuriyet Square - Ayaş</b> Gülşah Çelik Başok
<b>Adaptive reuse in sustainable development: the case study of Ercolano (Italy)</b> Martina Bosone, Francesca Ciampa	<b>Spolia Reconsidered in Terms of Sustainability</b> Hale Gönül	<b>The challenge of preserving heritage: A Neighbourhood case in Ardabil, Iran</b> Yousef Daneshvar Rouyandozagh, Ece Kumkale Açıkgöz
<b>Use-share service cases from Turkey: The impact of cultural traits</b> Can Uçkan Yüksel, Çiğdem Kaya Pazarbaşı	<b>Continuity and discontinuity in the drawing for the protection of religious heritage in the Balkans</b> Luigi Corniello, Andrea Maligari, Carla Motta, Enrico Mirra	<b>Evaluating the Adaptation of Historic Buildings to New Functions in Terms of Sustainability: Afyonkarahisar Mihrioğlu Mansion</b> Gamze Çoban, Pınar Dinç Kalaycı
<b>Sustaining Cultural Heritage Sites through Interpretation and Presentation Methods: The Case of Magnesia on the Meander</b> Başak Kalfa Ataklı, Nimet Özgönül	<b>Creating a start point for continuity of new educational approach by using design</b> Ahsen Öztürk	<b>Occupants' Behaviour For Sense Of Security And Well Being Concerns In Their Residences: 100. Yıl Case</b> Özge Karaman

17.00 17.15	Coffee Break
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## Parallel Sessions

HALL 1	HALL 2	HALL 3
Session Number: 201D	Session Number: 202D	Session Number: 203D
MODERATOR: Zeynep Çiğdem Uysal Ürey	MODERATOR: Özge Süzer	MODERATOR: Rabia Çiğdem Cavdar
<b>An Ecotourism-oriented Proposal in the Context of Sustainability: The Case of Rize Küsüve Village</b> Derya Elmalı Şen, Evşen Yetim, Elif Öztürk	<b>Medical Retrofitting Design</b> Sabina Martusciello, Massimiliano Masullo, Geremia Nappo, Alessandro Tessitore, Rosa De Micco, Antonio De Mase, Antonio Garofalo, Antonio Cennamo	<b>Environmental Problems and Policy in Australia</b> Nur Özkan Öztürk
<b>Dimensions of War Destructions Upon the City of Benghazi</b> Abdelhamed Barani, Zerrin Ezgi Kahraman	<b>Comparison of Design Criteria about Energy in Healthcare Building According to BREEAM and LEED Certification Systems</b> Sevil Jahed, Cüneyt Kurtay	<b>The Use of Multi-Criteria Assessment Techniques In Defining Sustainable Transport Systems For Different Sized Cities Ankara and Rize Example</b> Furkan Akdemir, Hayri Ulvi, Asimur Ekiz, Saime Yılmaz
<b>Libya, colonial architecture and tourist propaganda in the fascist rhetoric</b> Marco Carusone, Michela Russo, Roberta Bellucci	<b>Sensory spatial appraisal of the Child Medical Unit of Mustapha Pacha hospital in Algiers</b> Nassila Ghida, K. Boussora	<b>The Evaluation of Urban Mobility In Terms of Space and Equality, Case Study of Yozgat</b> İlker Atmaca, Seçil Gül Meydan Yıldız, Hazal İlgin Bahçeci
<b>Built environment heritage as political negotiation in Famagusta, Cyprus</b> Ceren Hamiloğlu	<b>Suggestions For Refurbishment Of Existing K-12 Schools In The Light Of Sustainable Criteria</b> Hafize Nur Silay Emir	<b>Bibliographic Evaluation of the Concept of Sustainability in the Postgraduate Theses of Architecture in Turkey</b> Özlem AYDIN
<b>The Change of Cultural Memory on an Iconic Historic Structure: Narmanlı Han</b> Sedef Sav	<b>Green Design; an environmental concern or an aesthetic approach</b> Aliye Rahşan Karabetça	

18.30 19.00	Closing Session
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# 19.10.2018

Morning Session								
Workshops								
09.45-12.30	<b>WORKSHOP 1</b>		<b>WORKSHOP 2</b>		<b>WORKSHOP 3</b>		<b>WORKSHOP 4</b>	
	Room: HALL 3	<b>Academic Research Design in Planning Studies: Migration and Sustainable Communities</b>	Room: HA-02	<b>Building Performance Simulation: How Useful Is It?</b>	Room: HA-03	<b>Regenerative Technological Design</b>	Room: HALL 2	<b>Resilient Building Design</b>
		Z. Ezgi KAHRAMAN F. Nazda GÜNGÖRDÜ		Gülsu ULUKAVAK HARPUTLUGİL		Antonella VIOLANO Rossella FRANCHINO		Susan ROAF Fergus NICOL
	<b>WORKSHOP 5</b>		<b>WORKSHOP 6</b>		<b>WORKSHOP 7</b>		<b>WORKSHOP 8</b>	
Room: RA-02	<b>Sustainability and Resilience: how do we relate these concepts in planning debate and practices?</b>	Room: HALL 1	<b>Multisensorial Perception and Cultural Heritage Sites</b>	Room: RB-03	<b>Urban art as Social &amp; Cultural Sustainability</b>	Room: HALL 4	<b>Building with earth</b>	
	Adriana GALDERISI Elisavet THOIDOU Angela COLUCCI		Luigi MAFFEI Aslı ÖZÇEVİK BİLEN Papatya Nur DÖKMECİ YÖRÜKOĞLU		Ornella ZERLENGA Fabiana FORTE		Ayça Özmen Camilo Holguin	
11.00-11.15	<b>Coffee Break</b>							
12.30-13.30	<b>Lunch</b>							
14.30	Cappadocia Tour							