



INTERNATIONAL CONGRESS ON GLOBAL ARCHITECTURE, ENGINEERING, DESIGN & URBANIZATION

JULY 11-13, 2025 / ROMA, ITALY

CONFERENCE PROGRAM

Zoom Meeting ID: 858 1117 0419

Zoom Passcode: 131313

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- ✓ Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

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exp. Hall-1, Merve KIDIRYUZ**

12.07.2025 / FACE-TO-FACE SESSION- H1

**Termini Congress Center Via Cavour, 50/a, 00184 Roma RM,
Italy**

Ankara Time: 15:00-16:00

Roma Time: 14:00-15:00

Moderator: Assoc. Prof. Dr. Nur BELKAYALI

Title	Author(s)	Affiliation
THE USE OF PERCEPTUAL LANDSCAPE ELEMENTS IN OPEN-AIR EXHIBITION SPACES	Assoc. Prof. Dr. Nur BELKAYALI	Kastamonu University TÜRKİYE
A NEW MANAGEMENT APPROACH IN PROTECTED AREAS: THE SITE MANAGEMENT AUTHORITY MODEL	Assoc. Prof. Dr. Yavuz GÜLOĞLU Assoc. Prof. Dr. Nur BELKAYALI	Kastamonu University TÜRKİYE

13.07.2025 / Hall-1

Roma Local Time: 09:00-11:00

Ankara Local Time: 10:00 – 12:00

Meeting ID: 858 1117 0419 / Passcode: 131313

Moderator: Assist. Prof. Dr. Mehmet Bahadır TOSUNLAR

Title	Author(s)	Affiliation
AN ANCIENT ROCK TOMB UNDER PRESSURE OF TOURISM-RELATED DEVELOPMENT ON THE NORTHEASTERN OUTSKIRTS OF ASPAT CASTLE (BODRUM, MUĞLA, TÜRKİYE)	Assist. Prof. Dr. Mehmet Bahadır TOSUNLAR	Siirt University TÜRKİYE
TRANSFORMATION OF INNS ON THE GAZIANTEP HISTORICAL CITY CENTER CULTURAL ROUTE: REINTERPRETATION OF INTERIOR DESIGN ELEMENTS IN HIŞVAHAN IN THE CONTEXT OF CULTURAL CONTINUITY	Aliye TURNALAR Aydanur YENEL	Hasan Kalyoncu University TÜRKİYE
ENERGY-EFFICIENT FACADE DESIGN IN REPURPOSED INDUSTRIAL BUILDINGS: THE CASE OF SAMSUN TOBACCO FACTORIES	Zeynep SAYGI Assist. Prof. Dr. Gökhan GENÇ	Samsun University TÜRKİYE
CONSERVATION AND RECONSTRUCTING URBAN IDENTITY AFTER THE EARTHQUAKE: THE CASE OF MALATYA BAZAAR AREA	Fatma Ayça KARAKAŞ Assoc. Prof. Dr. Tuba Nur OLĞUN	Fırat University TÜRKİYE
AN EVALUATION OF THE CONSERVATION OF DİYARBAKIR RAILWAY STATION AND TCDD RESIDENTIAL BUILDINGS	Assoc. Prof. Dr. Tuba Nur OLĞUN Fatma Ayça KARAKAŞ	Fırat University TÜRKİYE
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13.07.2025 / Hall-2

Roma Local Time: 09:00-11:00

Ankara Local Time: 10:00 – 12:00

Meeting ID: 858 1117 0419 / Passcode: 131313

Moderator: Samet KUŞKIRAN

Title	Author(s)	Affiliation
URBAN RESILIENCE IN CRISIS: A 100RC-BASED ASSESSMENT OF HATAY AFTER THE FEBRUARY 6 EARTHQUAKES	Berfin KARABAKAN GÖKHAN Yelda MERT	İzmir Institute of Technology TÜRKİYE İskenderun Technical University TÜRKİYE
THE EFFECT OF MIDDLE SCHOOL AGE CHILDREN'S SITTING EXPERIENCES ON THE DESIGN PROCESS	Banu BEKÇİ Assoc. Prof. Dr. Semiha İSMAİLOĞLU	Recep Tayyip Erdoğan University TÜRKİYE
EXAMINATION OF CHILD-FRIENDLY OPEN AIR CLASSROOMS USING ARTIFICIAL INTELLIGENCE ALGORITHMS	Banu BEKÇİ Assoc. Prof. Dr. Semiha İSMAİLOĞLU	Recep Tayyip Erdoğan University TÜRKİYE
PRESERVATION OF CULTURAL SUSTAINABILITY VALUE IN HISTORICAL ENVIRONMENT: ISPARTA GRAPE BAZAAR EXAMPLE	Hanife Ceren ALBAYRAK Prof. Dr. Sevim ATEŞ CAN	Burdur Mehmet Akif Ersoy University TÜRKİYE
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13.07.2025 / Hall-3

Roma Local Time: 09:00-11:00

Ankara Local Time: 10:00 – 12:00

Meeting ID: 858 1117 0419 / Passcode: 131313

Moderator: Assist. Prof. Dr. Ecem KARA

Title	Author(s)	Affiliation
CHURCH ARCHITECTURE IN THE CONTEXT OF ROCK-HEWN CHURCHES: THE CASE OF KOMESISTES PANAGIAS CHURCH IN SİLLE, KONYA	Buse AĞRIŞ Assist. Prof. Dr. Burcu BÜKEN CANTİMUR	Akdeniz University TÜRKİYE Mimar Sinan Fine Arts University TÜRKİYE
CITY, FAITH, HERITAGE: TRACING 19TH-CENTURY CHRISTIAN RELIGIOUS ARCHITECTURE IN İZMİR	Sevim ERDOĞDU Mine TANAÇ ZEREN	Dokuz Eylül University TÜRKİYE
HYDROGEN ENERGY POTENTIAL IN THE BLACK SEA REGION AND ITS IMPACT ON SAMSUN CITY	Berdilan CAN	Ondokuz Mayıs University TÜRKİYE
URBAN WALKABILITY: A PILOT STUDY ON ADANA TURGUT ÖZAL BOULEVARD	Sena ARSAKAY Assist. Prof. Dr. Ecem KARA	Adana Alparslan Türkeş University of Science and Technology TÜRKİYE
AN EXPERT SYSTEM-BASED TWO-STAGE DECISION SUPPORT MODEL FOR THE PREVENTION OF MAJOR INDUSTRIAL ACCIDENTS	Fatih BUYRUL Prof. Dr. Ahmet Kürşad TÜRKER Prof. Dr. İbrahim UZUN	Kırıkkale University TÜRKİYE
RISK ANALYSIS AND MANAGEMENT MODELS BASED ON HAZOP IN THE PREVENTION OF MAJOR INDUSTRIAL ACCIDENTS: A VIRTUAL FILLING FACILITY APPLICATION	Fatih BUYRUL Prof. Dr. Ahmet Kürşad TÜRKER Prof. Dr. İbrahim UZUN	Kırıkkale University TÜRKİYE
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13.07.2025 / Hall-4

Roma Local Time: 09:00-11:00

Ankara Local Time: 10:00 – 12:00

Meeting ID: 858 1117 0419 / Passcode: 131313

Moderator: Dr. Nguyen Thi Bich Van

Title	Author(s)	Affiliation
TRADITIONAL GLASS PAINTING IN SOUTHEAST ASIA: A COMPARATIVE ANALYSIS BETWEEN MIRROR-GLASS PAINTING IN THAILAND AND SOUTHERN GLASS PAINTING IN CHOLON, SAIGON (HO CHI MINH CITY)	MAI CHI PHAN	FPT University VIETNAM
IMPACT OF SPATIAL FLEXIBILITY ON USER SATISFACTION IN UNDERGRADUATE HOSTELS AT NIGERIAN HIGHER INSTITUTION: KWARA	AbdulRaheem B. Olakanbi	Abuja University NIGERIA
CHALLENGES IN ACOUSTIC DESIGN FOR GREEN BUILDING DESIGN	N.G. Kalyani Reddy Peddada Jagadeeswara Rao Dr. Victor Babu Neela	Andhra University INDIA
EXPLORING SPATIAL FLEXIBILITY STRATEGIES FOR SUSTAINABLE HOSTEL DESIGN IN NIGERIA UNIVERSITY	AbdulRaheem Bolaji Olakanbi Adedo, Zulkarnain Ibrahim	Abuja University NIGERIA Ilorin University NIGERIA
CULTURAL IDENTITY IN TRANSITION: ADAPTIVE REUSE OF HERITAGE ARCHITECTURE IN HOI AN AND STOCKHOLM	Dr. Nguyen Thi Bich Van	University of Architecture Ho Chi Minh City VIETNAM
NATURAL BAMBOO AS A SUSTAINABLE MATERIAL IN INTERIOR PRODUCT DESIGN: A STUDY ON ITS APPLICATION IN CHILDREN'S TOYS	Dr. Nguyen Thi Bich Van Nguyễn Thị Hồng Phúc	University of Architecture Ho Chi Minh City VIETNAM
EARTHQUAKES AND THEIR CONSEQUENCES	Meryem Kaproli Muchi Berat Zejneli	International Vision University NORTH MACEDONIA Tetovo University NORTH MACEDONIA
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13.07.2025 / Hall-5

Roma Local Time: 09:00-11:00

Ankara Local Time: 10:00 – 12:00

Meeting ID: 858 1117 0419 / Passcode: 131313

Moderator: Muhammad Mateen Afzal Awan

Title	Author(s)	Affiliation
INTEGRATING BUDDHIST NORTHERN-TRADITIONAL MOTIFS INTO INTERIOR FURNITURE DESIGN PROJECTS (INSPIRING FROM HERITAGE, ELEVATING CONTEMPORARY CREATIVITY)	Phan Tri Thanh	University of Architecture Ho Chi Minh City VIETNAM
FORMATION DAMAGE AND POLYMER INJECTION FOR OIL RECOVERY PROCESSING	Lorina Malollari Drilona Sauli Lumturi Hoxha Lusivjano Llupi	Polytechnic University ALBANIA
DESIGN AND DEVELOPMENT OF MACHINE LEARNING TO CONDUCT APRIORI ACTIVITIES TO ASSIST IN SURGERY AND MEDICAL THERAPIES LIKE CHEMO IN ORDER TO COUNTER AFTER TREATMENT COMPLICATIONS AND A CONTROL AND MONITORING SYSTEM FOR TRIBAL LIFE CONSERVATION IN CHHATTISGARH	Vaibhav Kant Singh Kapil Kumar Nagwanshi	Central University INDIA
MPPT OF SOLAR PV SYSTEMS UNDER DYNAMIC CONDITIONS USING DEEP LEARNING METHOD	Muhammad Mateen Afzal Awan	University of Management and Technology Lahore PAKISTAN
OPTIMIZING THE MPPT EFFICIENCY OF SOLAR PHOTOVOLTAIC SYSTEMS USING ARTIFICIAL INTELLIGENCE	Muhammad Mateen Afzal Awan	University of Management and Technology Lahore PAKISTAN
OPTIMIZATION OF PLASTIC DEFORMATION AND DAMAGE PARAMETERS THROUGH LS-OPT	Egzon Qiku Labinot Topilla Gjelosh Vataj Serkan Toros	University of Applied Science in Ferizaj KOSOVO Niğde Ömer Halis Demir University TÜRKİYE
HETEROGENEOUS ELECTRO-FENTON PROCESS: PERFORMANCE OF A NATURAL BIOWASTE CATALYST FOR THE DEGRADATION OF THE ANTIBIOTIC CFX-NA	Imane Haji Loubna Rachidi Hind Chakchak Abdelkader Zarrouk Ghizlan Kaichouh	Mohammed V University MOROCCO Centre national de la recherche scientifique et technique (CNRST-UATRS) MOROCCO
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13.07.2025 / Hall-6

Roma Local Time: 09:00-11:00

Ankara Local Time: 10:00 – 12:00

Meeting ID: 858 1117 0419 / Passcode: 131313

Moderator: Sabrina Roguai

Title	Author(s)	Affiliation
IMPLEMENTATION OF AI/ROBOTICS IN NIGERIAN AGRICULTURE	Joseph Chisom okoye	Nigerian Young Researchers Academy NIGERIA
Nigerian Young Researchers Academy NIGERIA	Chilaka Deekshitha	R.M.K Engineering College INDIA
MODELLING THE BORONIZING KINETICS OF SAE 1005 STEEL USING THE TAYLOR EXPANSION MODEL	Mourad Keddami Zahra Nait Abdellah	Houari Boumediène University of Sciences and Technology ALGERIA Mouloud Mammeri University ALGERIA
RENEWABLE ENERGIES AS A SUSTAINABLE ALTERNATIVE TO TRADITIONAL SOURCES	Stefany LEÓN HERNÁNDEZ Ángel Esteban SORIANO VALENCIA Yazmin ISOLDA ALVAREZ GARCÍA	Juárez Autonomous University MEXICO
SPRAY PYROLYSIS DEPOSITION AND CHARACTERIZATION OF ZnO AND LA-DOPED ZnO THIN FILMS FOR PHOTOCATALYTIC APPLICATIONS	Sabrina Roguai	Abbes Laghrour University ALGERIA
MACHINE LEARNING-BASED QSAR CLASSIFICATION FOR PREDICTING ESTROGEN RECEPTOR ALPHA (ERA) BINDING ACTIVITY OF SMALL MOLECULES	Mohammed El Moufakir Khadija Khaddam Allah Rachid Haloui Amine Ballari Abdelmoula El Abbouchi Kaouakeb Elkhatabi Samir Chtita Souad El Khatabi	Sidi Mohamed Ben Abdellah-Fez University MOROCCO Euromed University MOROCCO Mohamed V University MOROCCO Hassan II University MOROCCO
VIRTUAL SCREENING OF ERA LIGANDS USING MACHINE LEARNING	Mohammed El Moufakir Khadija Khaddam Allah Rachid Haloui Amine Ballari Abdelmoula El Abbouchi Kaouakeb Elkhatabi Samir Chtita Souad El Khatabi	Sidi Mohamed Ben Abdellah-Fez University MOROCCO Euromed University MOROCCO Mohamed V University MOROCCO Hassan II University MOROCCO
FROM VOID TO VALUE: A GIS-BASED APPROACH TO MICRO-SCALE URBAN RENEWAL IN TÉBESSA, ALGERIA	Ibtissem LOUNIS Lazhar GHERZOULI Aissa GRIB	Chahid Cheikh Larbi Tebessi University ALGERIA
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