

# Provisional Programme



	15 July			16 July				17 July				
09:00	<b>Opening Ceremony CINPAR 2026</b> Auditorium			<b>Keynote Session</b> Auditorium				<b>Keynote Session</b> Auditorium				
10:00												
10:10	<b>G15.B1.A</b> Auditorium	<b>G15.B1.1</b> Room 02.1	<b>G15.B1.2</b> Room 02.2	<b>Technical Session</b> Auditorium	<b>G16.B1.1</b> Room 02.1	<b>G16.B1.2</b> Room 02.2	<b>G17.B1.A</b> Auditorium	<b>G17.B1.1</b> Room 02.1	<b>G17.B1.2</b> Room 02.2			
10:30												
11:00	Coffee Break			Coffee Break				Coffee Break				
11:30	<b>CIB W86 Session</b> Auditorium	<b>G15.B2.1</b> Room 02.1	<b>G15.B2.2</b> Room 02.2	<b>G16.B2.A</b> Auditorium	<b>G16.B2.1</b> Room 02.1	<b>G16.B2.2</b> Room 02.2	<b>OE Session</b> DECivil Museum	<b>Technical Session</b> Auditorium	<b>G17.B2.1</b> Room 02.1	<b>G17.B2.2</b> Room 02.2		
12:00												
12:30												
13:00	Lunch Break			Lunch Break				Lunch Break				
14:00	<b>Keynote Session</b> Auditorium			<b>Keynote Session</b> Auditorium				<b>G17.B3.A</b> Auditorium	<b>G17.B3.1</b> Room 02.1	<b>G17.B3.2</b> Room 02.2	<b>CIB Student Session</b> DECivil Museum	
14:30												
15:00	<b>Technical Session</b> Auditorium	<b>G15.B3.1</b> Room 02.1	<b>G15.B3.2</b> Room 02.2	<b>G16.B3.A</b> Auditório	<b>G16.B3.1</b> Room 02.1	<b>G16.B3.2</b> Room 02.2	<b>G17.B4.A</b> Auditorium	<b>G17.B4.1</b> Room 02.1	<b>G17.B4.2</b> Room 02.2			
15:10												
15:40												
16:00	Coffee Break			Coffee Break				<b>Closing Ceremony</b> Auditorium				
16:30	<b>G15.B4.A</b> Auditorium	<b>G15.B4.1</b> Room 02.1	<b>G15.B4.2</b> Room 02.2	<b>G16.B4.A</b> Auditório	<b>G16.B4.1</b> Room 02.1	<b>G16.B4.2</b> Room 02.2						
17:00												
17:30												
18:00												
19:00	<b>Welcome Reception</b> Carmo Archaeological Museum											
20:00												
20:30												
21:00				<b>Conference Banquet</b> Museu da Cerveja								

## Legend for General Sessions:

Inspection and Defects	Materials and Techniques	Natural Hazards	Infrastructure	Design Projects and Rehabilitation Works	Built Heritage	Management and Standards	Research and Recent Developments
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**Day 1: Wednesday, 15 July**

09:00 – 10:00	<b>Opening Ceremony CINPAR 2026</b>	<b>Room:</b> Auditorium	<b>Chair:</b> Tiago Miguel Ferreira
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**Session: G15.B1.A**

<b>Topic:</b> Inspection and Defects		<b>Room:</b> Auditorium	<b>Chair:</b> TBA
10:10 – 10:25	Characterization and Assessment of Structural Timber Elements of a Building in the Historic Centre of Viseu, Portugal		TBA
10:25 – 10:40	Systematic cataloging of information for the semantic enrichment of the HBIM model of the Almofala Church		TBA
10:40 – 10:55	Analysis of Pathological Manifestations in a Public School in The Municipality of Juazeiro do Norte, Ceará: A Case Study		Jefferson Luiz Alves Marinho

**Session: G15.B1.1**

<b>Topic:</b> Materials and Techniques		<b>Room:</b> 02.1	<b>Chair:</b> TBA
10:10 – 10:25	Durability assessment of sargassum-based compressed earth blocks under abrasion cycles		Jhade Vimieiro
10:25 – 10:40	Energy Efficiency and Sustainable Materials in Façade Rehabilitation: Challenges of Thermal Insulation in the Azores		Maria Paula Mendes
10:40 – 10:55	Development of 3D-Printed Conductive Mortar Electrodes for smart bricks		Israel Sousa

**Session: G15.B1.2**

<b>Topic:</b> Research and Recent Developments		<b>Room:</b> 02.2	<b>Chair:</b> TBA
10:10 – 10:25	Análise Química por Fluorescência de Raios X Portátil em Metal do Passado		Adolpho Guido de Araújo
10:25 – 10:40	Durabilidade da cor em concretos pigmentados pretos: avaliação do comportamento cromático sob envelhecimento acelerado		Vanessa Monteiro da Silva
10:40 – 10:55	Influence of Construction and Demolition Waste as Fine Aggregate Replacement on the Performance of Self-Compacting Mortars		TBA

**Session:** CIB W086 Thematic Session

<b>Topic:</b> New Trends in Building Pathology: Research, Innovation and Practice		<b>Room:</b> Auditorium	<b>Chairs:</b> Inês Flores-Colen Jorge de Brito
11:30 – 11:35	<b>Welcome and Introduction</b>		Jorge de Brito
11:35 – 11:50	<b>Building Pathology and ETICS: Current Challenges and Future Perspectives</b>		Vasco Peixoto de Freitas
11:50 – 12:05	<b>Infrared Thermography Use in Building Pathology - Where Are We?</b>		Ecem Edis
12:05-12:20	<b>The Use of Drones in the Inspection of Constructions</b>		João Lanzinha
12:20-12:35	<b>Automated Detection of Biological Soiling on Building Facades Using Hyperspectral Cameras</b>		Nathan Van Den Bossche
12:35-12:50	<b>Uncertainty and Risk Analysis in Inspection and Diagnosis</b>		Clara Pereira
12:50-13:00	<b>Discussion and Closing Remarks</b>		All speakers

**Session:** G15.B2.1

<b>Topic:</b> Infrastructure		<b>Room:</b> 02.1	<b>Chair:</b> TBA
11:30 – 11:45	<b>Infrastructure, Architecture, and Tourism Urbanization: Digital Modeling of the Impacts of the Sabiaguaba Environmental and Gastronomic Complex, Fortaleza, Ceará, Brazil</b>		Ricardo Paiva
11:45 – 12:00	<b>Impact of Structural Pathologies on Property Market Value</b>		João da Costa Pantoja
12:00 – 12:15	<b>Analysis of pathological manifestations resulting from prolonged work stoppage in public educational construction: impacts on the execution of coatings</b>		TBA
12:15-12:30	<b>Classes de Agressividade do Concreto no Brasil: Influência Regional, Patologias e Implicações em Projeto</b>		Stefania Zebral Silva
12:30-12:45	<b>Pathological Manifestations in Building Structures: Evaluation of Causes, Impacts on Durability, and Intervention Costs</b>		Bruna Sell
12:45-13:00	<b>Avaliação de vulnerabilidade sísmica de escolas de Lisboa: da priorização à escala urbana à análise estrutural detalhada</b>		Luís Ferreira

**Session: G15.B2.2**

<b>Topic:</b> Built Heritage		<b>Room:</b> 02.2	<b>Chair:</b> TBA
11:30 – 11:45	Point Clouds Beyond BIM: Aesthetic Composition and Montage Techniques for Immersive Room Films in Heritage Education	Carlos Eugênio Moreira de Sousa	
11:45 – 12:00	Geophysical Characterization of Historic Masonry using Ground-Penetrating Radar (GPR)	Maria Isadora Gonçalves	
12:00 – 12:15	Residual mechanical properties of masonry materials after exposure to high temperatures	Ema Jankovicova	
12:15-12:30	Lime Mortars with Fibres and Residues for the Sustainable Rehabilitation of Wattle and Daub Walls	Ana Velosa	
12:30-12:45	Incorporation of Eggshell Residues in Lime Mortars for Rehabilitation of Wattle and Daub Walls	Ana Velosa	
12:45-13:00	Caracterização de Chacotas Históricas a partir de Classificação Análoga de Rochas Sedimentares Através de Microscopia por Luz Polarizada	Maurilio Amancio de Moraes	

**Keynote Session**

<b>Room:</b> Auditorium		<b>Chair:</b> TBA
14:00 – 15:00	<b>Seismic performance of traditional rammed earth constructions: from structural assessment to strengthening</b>	Daniel V. Oliveira

**Session: Technical Session**

<b>Room:</b> Auditorium		<b>Chair:</b> TBA
14:00 – 14:30	À cerca da Taipa executada na cerca medieval interior da Fortaleza e Castelo de Juromenha	António Eliseu
14:30 – 14:45	RILEM: The International Union of Laboratories and Experts in Construction Materials, Systems and Structures	Esequiel Mesquita

**Session: G15.B3.1**

<b>Topic:</b> Natural Hazards		<b>Room:</b> 02.1	<b>Chair:</b> TBA
15:10 – 15:25	From risk assessment to mitigation and emergency planning for multiple natural hazards in urban built environments: a mesoscale, user-dynamics-based framework	Alessia Freddo	
15:25 – 15:40	Assessment of the impact of mining activities, with particular focus on mining tremors affecting masonry structures	Leszek Chomacki	
15:40 – 15:55	Monitoring of Geological Risk Areas Using UAVs with High-Precision Aerial Photogrammetry Support: The Case of Sol Nascente, Section 3, Federal District, Brazil	TBA	

**Session: G15.B3.2**

<b>Topic:</b> Materials and Techniques		<b>Room:</b> 02.2	<b>Chair:</b> TBA
15:10 – 15:25	Modified masonry triplets for the shear characterisation and numerical modelling of NFRCM-strengthened masonry		Nandini Priya Thatikonda
15:25 – 15:40	Enhancing the tensile performance of natural fibers for inorganic matrix composites in masonry strengthening		Mehdi Zahedi
15:40 – 15:55	Compressive Behaviour of Masonry Columns Strengthened with PBO-FRCM Systems: Experimental and DEM Numerical Investigation		Matteo Mauro

**Session: G15.B4.A**

<b>Topic:</b> Built Heritage		<b>Room:</b> Auditorium	<b>Chair:</b> TBA
16:30 – 16:45	The Historic Site of Sobral, Brazil: The importance of its listing by IPHAN in the requalification of buildings and urban space		Eder Paulus Guerra
16:45 – 17:00	Architectural Documentation of the San Sebastian Church		Daiane Oliveira da Silva
17:00 – 17:15	Digital documentation of cultural heritage based on high-resolution scanning		TBA

**Session: G15.B4.1**

<b>Topic:</b> Design Projects and Rehabilitation Works		<b>Room:</b> 02.1	<b>Chair:</b> TBA
16:30 – 16:45	Decarbonizing Built Heritage: Experimental Analysis and Integrated Retrofit Strategies at the CCBM		TBA
16:45 – 17:00	Improving daylight and energy efficiency in university buildings: A study of the Darcy Ribeiro Campus at the University of Brasilia - Brazil		Eliete de Pinho Araujo
17:00 – 17:15	Integration of an HBIM Model with Thermographic and Damage Image Analysis Based on Computer Vision		TBA

**Session: G15.B4.2**

<b>Topic:</b> Inspection and Defects		<b>Room:</b> 02.2	<b>Chair:</b> TBA
16:30 – 16:45	Pathology of Ceramic Tile Systems in Brazil: Investigating Moisture Expansion in B1b Tiles through a Multi-Analytical Case Study		Renato Freua Sahade
16:45 – 17:00	Mapping Façade Soiling Patterns through Image Processing		Jéssica Deise Bersch
17:00 – 17:15	Corrosion in Exposed Concrete Structures of Modern Architecture: A Case Study of the Failure of the Roof Slab of the Water Tank at the University Restaurant of UnB		TBA

## Day 2: Thursday, 16 July

### Keynote Session

<b>Room:</b> Auditorium		<b>Chair:</b> TBA
09:00 – 10:00	Automated large-scale non-destructive testing of heritage buildings for structural diagnosis	Javier Ortega

### Session: Technical Session

<b>Room:</b> Auditorium		<b>Chair:</b> TBA
10:10 – 10:40	Solução estrutural em edifícios classificados	Rui Silva
10:40 – 11:00	Método Investigativo para Análise de Infiltrações	Marília Araújo

### Session: G16.B1.1

<b>Topic:</b> Inspection and Defects		<b>Room:</b> 02.1	<b>Chair:</b> TBA
10:10 – 10:25	Análise dos defeitos em pavimento rodoviário flexível sob diferentes condições climáticas	TBA	
10:25 – 10:40	A 3d tomographic GPR inspection using a self-constructed cable-driven robot of the Torre de la Vela in La Alhambra (Granada, Spain)	Miguel Ángel García	
10:40 – 10:55	Advanced Resilience Techniques for Historical and Understudied Sacral Architecture – The ARTHUR Project	Mislav Stepinac	

### Session: G16.B1.2

<b>Topic:</b> Natural Hazards		<b>Room:</b> 02.2	<b>Chair:</b> TBA
10:10 – 10:25	Physical Vulnerability to Floods in Historic Urban Areas: A Building-Scale Assessment Approach	Gessica Sparvoli	
10:25 – 10:40	Watershed as a Basis for Heritage Vulnerability Assessment of Historic Urban Landscapes	Esequiel Mesquita	
10:40 – 10:55	Seismic Vulnerability Assessment of a Heritage Unreinforced Masonry Building: Pushover Analysis	Helena Arias Lara Leite	

**Session: G16.B2.A**

<b>Topic:</b> Built Heritage		<b>Room:</b> Auditorium	<b>Chair:</b> TBA
11:30 – 11:45	Desafios na Reabilitação de Edificações: a formação acadêmica como elemento-chave para a qualidade das intervenções		Erika Menezes
11:45 – 12:00	Integração entre tradição e inovação: desafios da aplicação da madeira laminada colada em patrimônios edificados		TBA
12:00 – 12:15	Mapping technical façade elements under low-intensity seismicity to support risk-informed urban decision-making		Elena Cantatore
12:15-12:30	Metodologia Digital Integrada para a Conservação do Patrimônio Construído: da Reconstrução Virtual ao Fabrico Aditivo		Inês Bourgeois
12:30-12:45	Seismic assessment and strengthening of the Church of Santo Tomás de Aquino in Rondocan, Peru		Elesban Nochebuena-Mora
12:45-13:00	From Theory to Practice: Expert Views on Vulnerability of URM Buildings		Antonela Moretic

**Session: G16.B2.1**

<b>Topic:</b> Materials and Techniques		<b>Room:</b> 02.1	<b>Chair:</b> TBA
11:30 – 11:45	On the Seismic and Energy Retrofit of Masonry Buildings Using Inorganic Matrix Composites		Ardalan Hassan
11:45 – 12:00	Effects of Limestone Filler, Metakaolin, and Polypropylene Fibers on the Flow Properties and Buildability of Cementitious Mixtures for 3D Concrete Printing (3DCP)		Ana Mafalda Matos
12:00 – 12:15	Avaliação da substituição parcial de cimento por Pó reciclado: Influência na Resistência à Compressão de Pastas Cimentícias		Pablo Goes
12:15-12:30	Cementitious Composites with Steel Industry Residues and Interaction with Atmospheric CO <sub>2</sub>		Laís Costa
12:30-12:45	An Investigation on the Mechanical Response of Composite-Reinforced Mortar for Masonry Strengthening		Mehdi Zahedi
12:45-13:00	Análise Patológica de Edificação Histórica com Proposta de Reabilitação: Um estudo de caso no Estado do Ceará, Brasil		Gabriele Rodrigues

**Session:** G16.B2.2

<b>Topic:</b> Infrastructure		<b>Room:</b> 02.2	<b>Chair:</b> TBA
11:30 – 11:45	Surface distress evaluation of interlocking concrete block pavements using the Pavement Condition Index (PCI): a case study in Brazil	Francisco Lacerda de Oliveira	
11:45 – 12:00	Thermal behavior of urban pavements under the influence of tree shading: implications for pavement performance and durability	TBA	
12:00 – 12:15	Análise da Expansão da Infraestrutura Urbana de Brasília. Aspectos da Reabilitação de Viadutos no Trevo de Triagem Norte.	Paulo Robert	
12:15-12:30	Analysis of the influence of rainfall variability on asphalt pavement deterioration: a case study based on functional condition surveys	Francisco Lacerda de Oliveira	
12:30-12:45	Proposal for an optimal timing for maintenance and rehabilitation strategies on interlocking pavements	Francisco Lacerda De Oliveira	
12:45-13:00	Effect of high levels of cement substitution on the mechanical properties of ECC as a repair material	Urs Buegger	

**Session:** Ordem dos Engenheiros Thematic Session

<b>Topic:</b> Especialização em Reabilitação do Património Construído		<b>Room:</b> Museu DECivil	<b>Chairs:</b> Vasco Peixoto de Freitas Inês Flores-Colen Sofia Barbosa
11:30 – 12:00	Apresentação da Especialização	Session Chairs	
12:00 – 12:30	History of Construction, Engineering and Built Heritage	João Mascarenhas Mateus	
12:30 – 13:00	The Challenges of Rehabilitation in Built Heritage	Aníbal Costa	

**Keynote Session**

<b>Room:</b> Auditorium		<b>Chair:</b> TBA
14:00 – 15:00	Reimagining Pathology Diagnosis in Built Heritage	Ana Ferreira Silva

**Session:** G16.B3.A

<b>Topic:</b> Management and Standards		<b>Room:</b> Auditorium	<b>Chair:</b> TBA
15:10 – 15:25	Study of strategies for the evaluation of metal structures under fire action	Alfonso Cobo Escamilla	
15:25 – 15:40	Data structuring and systemic failure analysis in built asset management: application to fire detection and suppression system maintenance	Mylene de Melo Vieira	
15:40 – 15:55	Structural Fire Risk in Historic Urban Districts: A Component-Based Analysis of Its Relationship with Multidimensional Poverty	Pilar Baquedano-Juliá	

**Session:** G16.B3.1

<b>Topic:</b> Built Heritage		<b>Room:</b> 02.1	<b>Chair:</b> TBA
15:10 – 15:25	Framework for assessing and mapping degradation risks in historic building facades		Ricardo Almeida
15:25 – 15:40	Large-Scale Seismic Vulnerability Assessment of Masonry Buildings: A Critical Appraisal of Index-based Methods		Letizia Mancini
15:40 – 15:55	HBIM-Driven Management of Diagnostic Information: A Proof of Concept		Mariella De Fino

**Session:** G16.B3.2

<b>Topic:</b> Research and Recent Developments		<b>Room:</b> 02.2	<b>Chair:</b> TBA
15:10 – 15:25	Discrete element-based particle modelling optimization for stone masonry wall's structural assessment		Maria Margarida Marques
15:25 – 15:40	Unveiling hybrid two-way out-of-plane response of existing unreinforced masonry structures through extensive shake-table testing		Dario Vecchio
15:40 – 15:55	Corrosion Assessment for prestressed steel strands based on experimental data and numerical analysis		Thamara Tofeti Lima

**Session:** G16.B4.A

<b>Topic:</b> Inspection and Defects		<b>Room:</b> Auditorium	<b>Chair:</b> TBA
16:30 – 16:45	Towards an Automatic Defect Detection on Historical Surfaces Based on Hyperspectral Imaging Data: A Hierarchical Classification Framework		Maria Francesca Muccioli
16:45 – 17:00	Use of the Gut Matrix in the Analysis of Pathological Manifestations in Housing Units of the Minha Casa Minha Vida Program: A Case Study		Jefferson Luiz Alves Marinho
17:00 – 17:15	Building Pathologies in the Rehabilitation of Substandard Housing: Technical Assessment of Housing Improvement Works		Rafael Morais

**Session:** G16.B4.1

<b>Topic:</b> Materials and Techniques		<b>Room:</b> 02.1	<b>Chair:</b> TBA
16:30 – 16:45	Linking Fabrication Route, Microstructure, and Fire Performance in Mycelium-Based Insulation Composites		Neuza Valadas
16:45 – 17:00	Origem e interferência dos teores de cálcio de fragmentos cerâmicos do século XVIII em Pernambuco		Eudes Rocha
17:00 – 17:15	Caracterização Mecânica da Alvenaria Ordinária de Lisboa através de Ensaios com Macacos Planos		Jorge Fonseca

**Session: G16.B4.2**

<b>Topic:</b> Built Heritage		<b>Room:</b> 02.2	<b>Chair:</b> TBA
16:30 – 16:45	Adaptive vs. Uniform Decimation: A Quantitative Analysis of 3D Mesh Optimization for HBIM	Eugênio Moreira	
16:45 – 17:00	Integration of an HBIM Digital Model with GPR Data Interpreted using Machine Learning	Maria Isadora Gonçalves	
17:00 – 17:15	HBIM for modeling a cultural heritage asset using a hybrid scan-to-BIM workflow: Challenges and Insights from the Pinacoteca do Ceará	Esequiel Mesquita	

**Day 3: Friday, 17 July****Keynote Session**

<b>Room:</b> Auditorium		<b>Chair:</b> TBA
09:00 – 10:00	Safeguarding Heritage: Integrated Evaluation and Rehabilitation Strategies for Existing and Historic Structures	Rita Bento

**Session: G17.B1.A**

<b>Topic:</b> Inspection and Defects		<b>Room:</b> Auditorium	<b>Chair:</b> TBA
10:10 – 10:25	Reabilitação de Sistemas de Impermeabilização em Lajes Alveolares Pré-Fabricadas de Grande Extensão, com tratamento de trincas aplicadas sob condições adversas	Juliana Alves	
10:25 – 10:40	Progressive failure analysis in elevated swimming pool Waterproofing systems: a diagnostic framework for correlating executive non-conformities and watertightness loss mechanisms	Micaéle Brandão da Silva	
10:40 – 10:55	Investigation of ultrasonic propagation angles for the identification of wood elastic properties	Sonagnon Jerome Afoutou	

**Session: G17.B1.1**

<b>Topic:</b> Materials and Techniques		<b>Room:</b> 02.1	<b>Chair:</b> TBA
10:10 – 10:25	Control of fresh concrete's composition through non-intrusive microwave electrical impedance spectroscopy	Marcos Roberto Fortulan	
10:25 – 10:40	Alkaline durability of AR-glass FRCM systems: tensile behaviour of bare fibres and cement-based composites under direct and accelerated conditioning	Matteo Mauro	
10:40 – 10:55	Betão branco de elevado desempenho eco-eficiente com incorporação de pó de vidro para aplicações arquitetônicas	TBA	

**Session:** G17.B1.2

<b>Topic:</b> Built Heritage		<b>Room:</b> 02.2	<b>Chair:</b> TBA
10:10 – 10:25	Prefabricated ferrocement components: an analytical overview of damage to the CAICs in Lelé		TBA
10:25 – 10:40	Análise da Reconstrução da Infraestrutura Escolar do Rio Grande do Sul Decorrente dos Efeitos do Desastre Climático Ocorrido em 2024		Márcio Buzar
10:40 – 10:55	Electromechanical Self-Sensing Behavior of Lime Mortars with Carbon Nanotubes and Microfibers		Ryan Araújo

**Session:** Technical Session

<b>Room:</b> Auditorium		<b>Chair:</b> Inês Flores-Colen
11:30 – 11:50	Preservar o Passado e Proteger o Futuro: O rigor e qualidade no diagnóstico das construções em Portugal	Susana Fernandes & João Martins
11:50 – 12:10	Valorização de Resíduos de Membranas de Impermeabilização em Misturas Betuminosas	José Neves
12:10 – 12:30	TBA	José Paulo Costa
12:10 – 12:50	Buildings Structural and Foundations Strengthening Solutions	André Henriques

**Session:** G17.B2.1

<b>Topic:</b> Inspection and Defects		<b>Room:</b> 02.1	<b>Chair:</b> TBA
11:30 – 11:45	Impacts of Deficient Maintenance on the Integrity and Durability of Reinforced Concrete Reservoirs		Amanda Ávila de Souza
11:45 – 12:00	Análise de dados de patologias higrotérmicas: estudo estatístico de relatórios técnicos de edifícios		Mariana Nadais
12:00 – 12:15	Comportamiento Sísmico de Estructuras Prefabricadas Existentes		Estrella Torres
12:15-12:30	Analysis of pathological manifestations in the buildings of the Igreja do Céu Tourist Center in the Municipality of Viçosa do Ceará		Eder Paulus Moraes Guerra
12:30-12:45	Vision-based structural health monitoring for detection and characterization of cracks in concrete: A systematic review		Daiane Oliveira da Silva
12:45-13:00	Building Inspection as a Technical Tool for Risk Management: A Case Study-Based Methodology for Intervention Prioritization in Residential Buildings		TBA

**Session: G17.B2.2**

<b>Topic:</b> Built Heritage		<b>Room:</b> 02.2	<b>Chair:</b> TBA
11:30 – 11:45	Underground Intervention in a Historic Building: Structural Compatibility and Heritage Preservation at the Museu Paulista		Fabiana Lopes de Oliveira
11:45 – 12:00	A Multi-Sensor Acquisition Framework for Built Heritage Documentation: Application at the Church of Nossa Senhora da Conceição de Almofala		Jose Lucas Gomes Mendes
12:00 – 12:15	Social Tourism and Modern Heritage: Digital Documentation and Conservation of the Sesc Garanhuns Holiday Camp (1956), Brazil		Ricardo Paiva
12:15-12:30	Challenges in data collection for the development of maintenance plans for historic buildings for cultural use integrated with HBIM models		Ana Cecilia Vasconcelos
12:30-12:45	Semantic Structuring of Generic HBIM Elements for Building Systems		TBA
12:45-13:00	Modelagem digital do Museu da Imagem e do Som a partir de nuvem de pontos		Ana Cecília Vasconcelos

**Session: G17.B3.A**

<b>Topic:</b> Management and Standards		<b>Room:</b> Auditorium	<b>Chair:</b> TBA
15:10 – 15:25	Heritage Management and the Progressive Deterioration of an Earthen Troje in Mexico City		Pilar Espinoza Vázquez
15:25 – 15:40	Leveraging Data Analytics to Manage Visitor Flows in Heritage Sites		Alessandro Ceppetelli
15:40 – 15:55	Proposed Adaptation of the GUT Criticality Matrix for the Maintenance Management of Concrete Pavements in Fuel Stations		TBA

**Session: G17.B3.1**

<b>Topic:</b> Built Heritage		<b>Room:</b> 02.1	<b>Chair:</b> TBA
14:00 – 14:15	Unreinforced masonry bell & clock towers earthquake-strengthening techniques in Chile: a preliminary typological survey of four case studies		Marco Barrientos
14:15 – 14:30	Material Parameter updating Based on Operational Modal Analysis (OMA): Application to the Sciri Tower		Renan Nogueira Paulo
14:30 – 14:45	Damage mapping of a 50's building as a strategy for maintenance		Bruna Higino Vale

**Session:** G17.B3.2

<b>Topic:</b> Infrastructure		<b>Room:</b> Auditorium	<b>Chair:</b> TBA
14:00 – 14:15	Impact of Defects on the Deflection Response of Interlocking Pavements		Francisco Lacerda de Oliveira
14:15 – 14:30	Procedure for assessing the dynamic resistance of existing bridge structures located in seismically active mining areas		Janusz Rusek
14:30 – 14:45	A Computational Tool Based on Artificial Neural Networks for Supporting PCI Evaluation in Interlocking Concrete Block Pavements		Francisco Lacerda de Oliveira

**Session:** CIB Student Session

<b>Room:</b> DECivil Museum		<b>Chairs:</b> Jéssica Deise Bersch Giovanna Schäfer Bartels	
14:00 – 14:15	The Role of the CIB Student Chapter IST/UL: Perspectives on Research and Cooperation		Jéssica Deise Bersch
14:15 – 14:30	Optimising resource value extraction in demolition and rehabilitation: A digital twin-transition approach - EU Horizon DISCOVER project		Isobel Andrews-McCarroll
14:30 – 14:45	Impactos da Manutenção Baseada na Condição no Desempenho da Envolvente dos Edifícios		TBA

**Session:** G17.B4.A

<b>Topic:</b> Built Heritage		<b>Room:</b> Auditorium	<b>Chair:</b> TBA
15:10 – 15:25	Integrating Computer Vision and Machine Learning for Detection of Damage in Historic Buildings		Mylene Vieira
15:25 – 15:40	Argumentación en contra del uso de revoques texturados plásticos en fachadas patrimoniales. El caso del Museo Provincial de Bellas Artes de Santa Fe (Argentina)		Manuel Alfredo Mina

**Session:** G17.B4.1

<b>Topic:</b> Natural Hazards		<b>Room:</b> 02.1	<b>Chair:</b> TBA
15:10 – 15:25	Climate Resilience Skills for Cultural Heritage Buildings: A European Educational Framework Developed through the ECOHERITAGE Project		Inês Flores-Colen
15:25 – 15:40	The use of aerial surveying for land regularization purposes and the right to the city: the case of Dorothy Stang in the Federal District		TBA

**Session:** G17.B4.2

<b>Topic:</b> Materials and Techniques		<b>Room:</b> 02.2	<b>Chair:</b> TBA
15:10 – 15:25	<b>Enhancing Concrete Durability Using Jute Fibre-Reinforced Bio-Mortar with Microbial Assisted Self-Healing</b>		Oluwatosin Balogun
15:25 – 15:40	<b>Experimental study of microbial biomineralization in carbonated and pre-cracked cementitious matrices</b>		Ítalo Carvalho Souza
16:00 – 17:00	<b>Closing Ceremony</b>	<b>Room:</b> Auditorium	<b>Chair:</b> Tiago Miguel Ferreira