

BULGARIAN ACADEMY OF SCIENCES AND ARTS

III INTERNATIONAL SCIENTIFIC CONFERENCE
SOFIA, 21-23, NOVEMBER 2019.

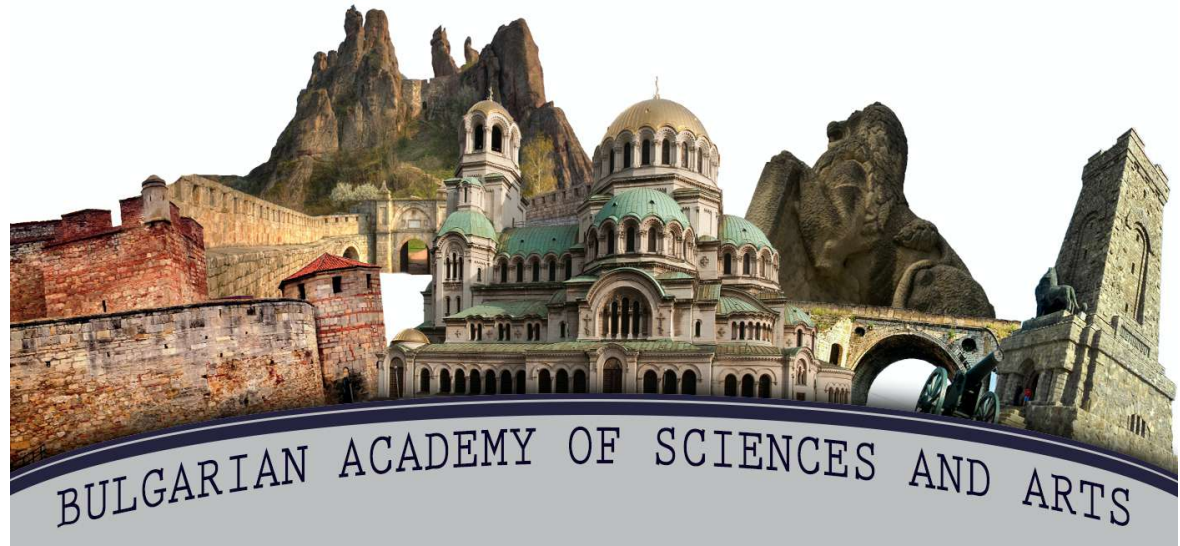
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Preservation of Cultural Heritage

INTERNATIONAL SCIENTIFIC CONFERENCE

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**MESSAGE
FROM THE
ORGANIZERS**



Prof. arch. Nikolay Tuleshkov, PhD

Chairman of the Organizing Committee

Scientific Center for Architecture, Construction, Urban Planning and Design,

BASA



Prof. Eng. Doncho Partov, PhD

Vice-chairman of the Organizing Committee

University of Structural Engineering and Architecture "L.Karavelov"

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Today is for the third time, as we have organized, an Academy of Sciences and Arts in Bulgaria, International Conference, devoted to “**Preservation of Cultural Heritage**”, **a major event bringing together many of world's architects and structural engineers in Sofia, Bulgaria.** Our motivation for organizing the Conference is based on Bulgarian architectural and structural engineering traditions, our longstanding links to UNESCO and ICOMOS, a history of architectural and structural engineering education going back more than one-hundred years, our famous orthodox cathedrals in Sofia, our research activities and other successfully organized international conference.

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The achievements in being able to organize such an event is representative of the intensive architectural and structural engineering activity, which has been ongoing over the last thirty years in tandem with, **and because of changes in Bulgaria political system, and its recent membership in the European Union.** As a result Bulgarian architects and structural engineering are facing new challenges, that are typical not only in Bulgaria but all over our rapidly changing world. Responding to these challenges requires a joint effort, regardless of the geographical location and geometrical size of the different historical types of structures.

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This is, why we are offering, architects and structural engineers a platform, to discuss a wide range of topics relating to the: **Social and economic integration of culture heritage; Culture heritage for local and regional social and economic stability; Culture heritage in urban areas; Vulnerability of culture heritage to hazards and preventive measures; Documentation, interpretation, presentation and publication of culture heritage; Degradation of culture heritage in surrounding environment; Indoor climate and tourism effects; Biodegradation of culture heritage; Historic materials and their diagnostics; New materials for safeguarding culture heritage; Historic structures and their monitoring;**

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NOME		INERZIO		LOCALITÀ	
Basilica santuario di Santa Maria del Carmine Magliocco		Piazza del Carmine		Napoli	
PUNTA s.x. 1.80	ALTEZZA (h) h. totale 70	CARATTERISTICHE GEOMETRICHE		TIPOLOGIA	ISOLATA
		SPESORE (h)(cm)	APERTURA		
<input type="checkbox"/>		100	1.4x2.4		
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Fig. 1 Basilica santuario di Santa Maria del Carmine
Napoli

Fig. 2 Piano della Basilica

Fig. 3 Prospetto Basilica

**New technologies for safeguarding culture heritage;
Restoration of historical masonry, timber and steel
structures-criteria - innovative solutions and case
studies; Seismic rehabilitation of historical masonry,
timber and steel structures; Conservation and
preservation of historical masonry, timber and steel
structures; Consolidation, rebuilding and strengthening of
historic structures; Culture heritage under catastrophic
events: fire, flood and blast loading.**

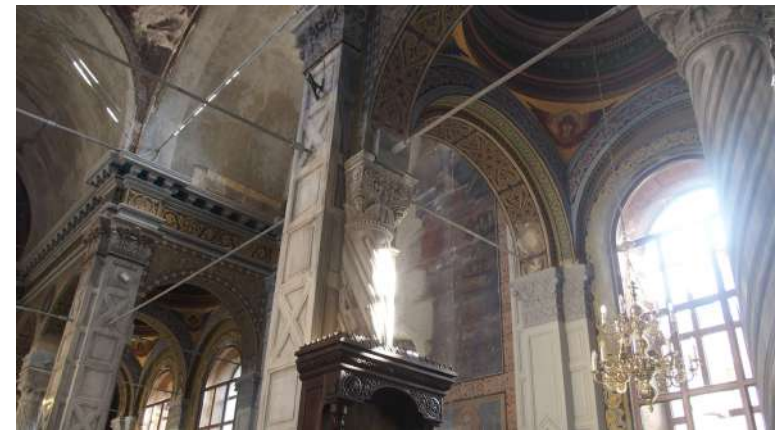
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To date, definite interest has been expressed in the themes selected from **13 countries**, confirmed by the receipt of more than 40 **abstracts**. **Based on selected papers we are certain that the technical program will provide an interesting global view for all participant.**



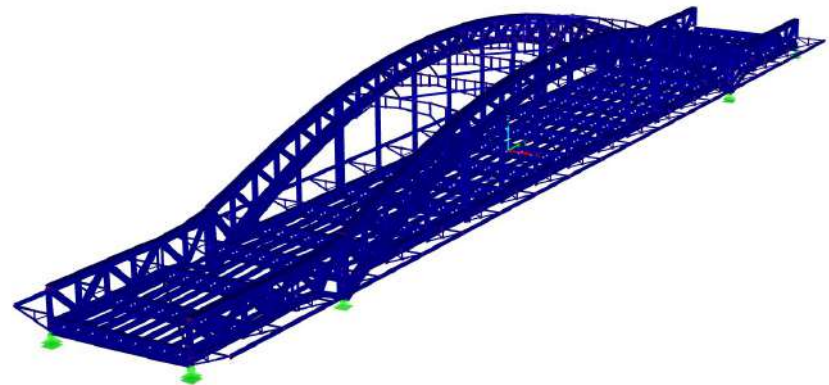
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In addition we have also organized post-conference technical tours of our most interesting heritage structures, together with other sightseeing programs. We will do our best to ensure that participants enjoy our traditional Bulgarian hospitality during the Conference.



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All participants will have the opportunity to demonstrate their innovative ideas, scientific research and practice-oriented research through plenary lecture, presentations, posters and discussions.



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The Organizing Committee expresses sincere thanks and high appreciations to the authors, participants and all others, who contributed to the organization of the conference.



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**We hope you will enjoy your staying in Sofia
and you will benefit from to the new knowledge
presented and discussed during the conference.**



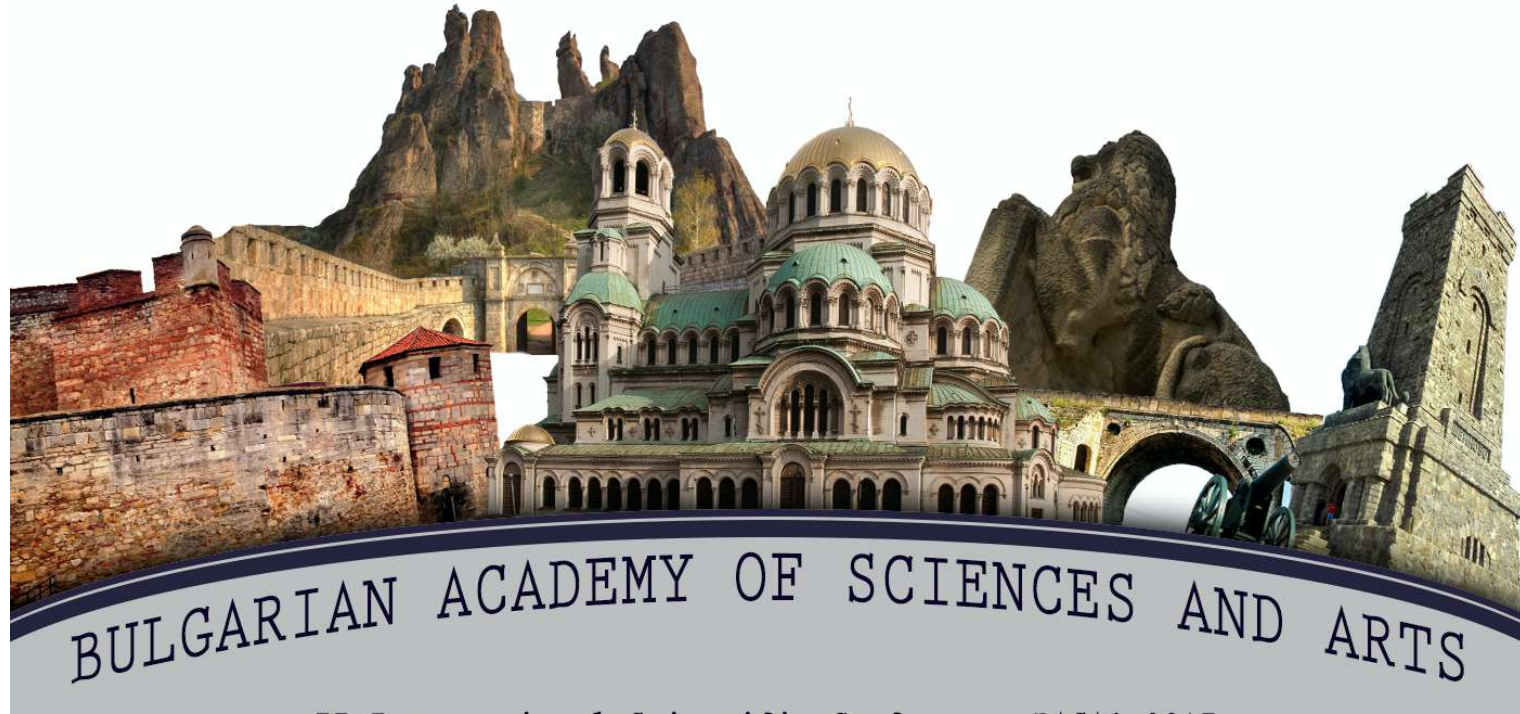
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DEAR PARTICIPANTS,
LET,S WELCOME OUR KEY LECTURES



III International Conference “Preservation of Historic



This conference is dedicated to the memory of the all great European Architects and Engineers , which devoted its life to the “Preservation of Historic Structures” for the next generations, in the world.

Thank you for your attention