

IFAU`19

November 21-23 | Tirana

3rd INTERNATIONAL FORUM ON ARCHITECTURE AND URBANISM

MODERNISATION AND GLOBALIZATION

Challenges and Opportunities in Architecture, Urbanism, Cultural Heritage

PAPERS PROCEEDINGS BOOK

IFAU`19

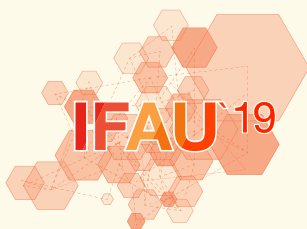
3rd INTERNATIONAL FORUM ON ARCHITECTURE AND URBANISM
MODERNISATION AND GLOBALIZATION

IFAU 2019 – 3rd International Forum on Architecture and Urbanism aims to bring together leading academic scientists, researchers, and research scholars to exchange and share their experiences and research results about all aspects of Architecture, Urbanism, Cultural Heritage within Modernization and Globalization trends of XXI century.

The third edition is expanding the horizon by introducing a series of overlapping visions spanning the recently institutionalized Adriatic – Ionian Euroregion, now extended to the Balkan and South-East European region. The Forum will concentrate on Architecture, Urbanism, Cultural Heritage located in contexts and territories that reveal their tendencies to Modernization and Globalization.

Themes of the Research Abstracts

- Global / local modernizations
 - XXth Century modernism and the question of cultural heritage
- Phenomena of re-generation, revitalization, recycle, reuse
 - Modernization / globalization of urban planning / design and landscapes
 - Modern housing
- Modern designing and daily life / universal design
 - Utilization of future technologies
 - Sustainability on the era of modernization / globalization



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3rd International Forum for Architecture and Urbanism

Modernisation and Globalization

INTERNATIONAL FORUM

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BOOK

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This forum is organized
Faculty of Architecture and Urbanism, Polytechnic University of Tirana



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Modernisation and Globalization

Challenges and opportunities in architecture, urbanism, cultural heritage

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FOREWORD OF THE RECTOR

It's a great pleasure for me to be here with you today in the opening ceremony of this Forum to greet and thank you in the name of PUT and wish the 3-rd International Forum of Architecture and Urbanism 2019 good work and full success.

I am happy that today IFAU-2019, in the continuity of the success achieved in the two other Forums in Tirana and Pescara, concretizes and evidences scientific research activity, in collaboration and full partnership with international partner universities through this Forum.

The Forum contains some important values, not only in components such as challenges of scientific research but it also has an excellent possibility to bring together professors, academic scientists and researchers on an international platform, to exchange and share their experiences and research results about all aspects related to Challenges and Opportunities in Architecture, Urbanism and Cultural Heritage within Modernization and Globalization trends of this Century.

And of course, these confrontations of ideas, sharing experiences of scientific researches, learning from each other best practices, are the best ways to generate some significant values for sustainable development in the Architecture, Urbanism and Cultural Heritage scientific research.

Collaboration and partnership of PUT with homologue international universities and other partner institutions, generally in Italy, France, Germany, Austria, Balkan countries, and in the more partners around the world, is considered a very significant element for sustainable and safe development of scientific research. This Forum confirms in the best way this vital objective, for a lasting partnership and collaboration with international partner universities.

I would like to take this opportunity to thank you for the positive response to take part in this international Forum, all representatives of the foreign partner universities from Italy, France, Austria and from our region Kosovo, Montenegro, North Macedonia, Serbia, Slovenia: Università degli Studi di Firenze, IUAV, Venezia, Università degli Studi di Campania "Luigi Vanvitelli", Napoli, Università di Pescara, Politecnico di Bari, ESTP, Paris, Vienna University of Technology, University of Ljubljana, Belgrade University.

On the other hand, PUT considers as necessary the relation of scientific research with the professionals, market and the companies that operate in the field of architecture, urbanism and civil engineering, in collaboration and full partnership with them. This Forum reflects in the best way this relation and cooperation through presentations and scientific references that will be presented today.

I would like to thank you for the positive response to take part and to support this international Forum, all representatives of the partner companies and our sponsors: MegaTek, Crystal Systems, Guardian Glass, Gjeo-Vjosa, Microdrones, ALB-MATRIX Group, Recycling Group.

Lastly, PUT and our partner universities, in our mission of preparing young architects, urbanists, engineers and scientists would not make sense without the participation of students in scientific research, who give a new dimension in innovation and scientific research.

Student participation in scientific research together with professors and researchers in IFAU-2019 is another significant and essential value, which I would like to put in evidence. Once again, I would like to wish all the best, good work and full success to the Forum.

Prof. Dr. Andrea Maliqari
Rector of Polytechnic University of Tirana

FOREWORD OF THE CONFERENCE DIRECTOR

The International Forum on Architecture and Urbanism aims to bring together leading academic scientists, researchers, and scholars to exchange and share their experiences and research results about all aspects of architecture, urbanism and cultural heritage.

I am happy and honoured that we realize the third edition of IFAU 2019 - International Forum on Architecture and Urbanism in Tirana, thus extending the cycle of these important events. The IFAU 2019 had two precedents: The first edition of "IFAU 2017 - International Forum on Architecture and Urbanism. Cities in transitions" in December 2017 Tirana, organized by the Polytechnic University of Tirana - Faculty of Architecture and Urbanism (FAU) and the University of Prishtina, Faculty of Civil Engineering and Architecture, deals various aspects of urban development in the cities in transition. Of particular interest in sustainable development, formal and informal settlement and the memory of the cities. The second edition of "IFAU 2018 - International Forum on Architecture and Urbanism. Fragility of Territories" organized by Università degli Studi G. d'Annunzio Chieti-Pescara - Dipartimento di Architettura (DdA) and the Polytechnic University of Tirana - Faculty of Architecture and Urbanism is concentrated on landscapes, cities and architecture located in contexts and territories that reveal their own fragility.

In addition to a very reputable scientific conference, it is essential to point out some other valuable publishing results of research papers and posters presented in the Forum. The best papers presented in the IFAU 2017 have been published in an international monograph of "Collana FAU. Forum for Architecture and Urbanism", edited by the Italian publishing house "La scuola di Pitagora editrice" and e-book, PDF distributed by international EBSCO and the abstract book and the best papers presented in the IFAU 2018 have been published in an international monograph edited by the Italian publishing house "Gangemi Editore Spa". This has proven to be a strong incentive and motivation for all researchers presenting their work in well-known Italian publishing houses.

The third edition IFAU 2019 - International Forum on Architecture and Urbanism. Modernization and Globalization: Challenges and Opportunities in Architecture, Urbanism, and Cultural Heritage" organized by Faculty of Architecture and Urbanism, Polytechnic University of Tirana, is expanding the horizon by introducing a series of overlapping visions related to all aspects of Architecture, Urbanism, and Cultural Heritage within Modernization and Globalization trends of XXI century.

The Forum has a full Board of Scientific Advisers of very high level to guarantee the quality of the event. The scientific committee has accepted more than 200 abstract papers made by professors, researchers and PhD students from 65 Universities and Institutions all over the world (Albania, Austria, Belgium, Netherlands, Germany, Italy, Hungary, Kosovo, Poland, Spain, Slovenia, Serbia, Northern Macedonia, Bosnia and Herzegovina, Montenegro, Turkey, Russia, Egypt, Lebanon, Jordan, Nigeria, Tunisia, India, Ecuador, etc.) for participation in this prestigious international event. Twelfth eminent keynote speakers from Twelfth eminent keynote speakers from well-known international universities have been invited to the Forum for the lectures, together with academics and scholars who work within the field of research.

We are very proud of the session moderators, who are notable experts in their fields, in the region and abroad.

In the framework of the IFAU19 - 3rd International Forum for Architecture and Urbanism a photography competition was organized by FAU Student's Council and the IFAU Organizing Committee, with the theme: "Modernization and Globalization. Challenges and Opportunities in Architecture, Urbanism, Cultural Heritage."

Since the founding conference in Tirana in 2017, there is a visible growing interest from researchers from different universities of Adriatic – Ionian region, now extended to the Balkan and South-East European countries. It makes this forum an important international event that is going to be held one year in the Polytechnic University of Tirana and another year in a well-known international Italian University.

Through our commitment in the quality based in the prominent Organizing Committee and the academic and professional excellence of the Scientific Committee of the forum, we have the ambition to keep it among the most important International Forum of architecture and urbanism in Mediterranean region.

The IFAU 2019 Abstract Proceedings Book publication will be followed by the IFAU 2019 Paper Proceedings Book with ISBN. The best papers selected by the scientific committee will be published in the international monograph of "Collana FAU. Forum for Architecture and Urbanism", edited by Italian publishing house "La scuola di Pitagora editrice" and e-book, PDF distributed by international EBSCO.

I express my gratitude to the Organizing Committee and Technical Committee especially to Etleva Bushati, Ani (Panariti) Tola, Loreta Capeli, Andi Shameti, Jonida Meniku, Erisa Dhimitri, Adriana Dervishi for their specific contribution on the preparation and progress of the forum.

A special thanks I have to express to the eminent keynote professors, professional moderators and the Scientific Committee members for their important contribution to make this Forum one of important international scientific events in architecture and urbanism. Finally, we thank all the authors and participants for their trust and contribution.

Prof. Dr Florian Nepravishta
Director IFAU
Dean of Faculty of Architecture and Urbanism,
Polytechnic University of Tirana