EUROPEAN CONFERENCE ON PRODUCT AND PROCESS MODELING 15 - 16 SEPTEMBER 2021



















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Some statistics

Submissions 122 Accepted 77 Approval rate 63,115% Rejection rate 36, 885%

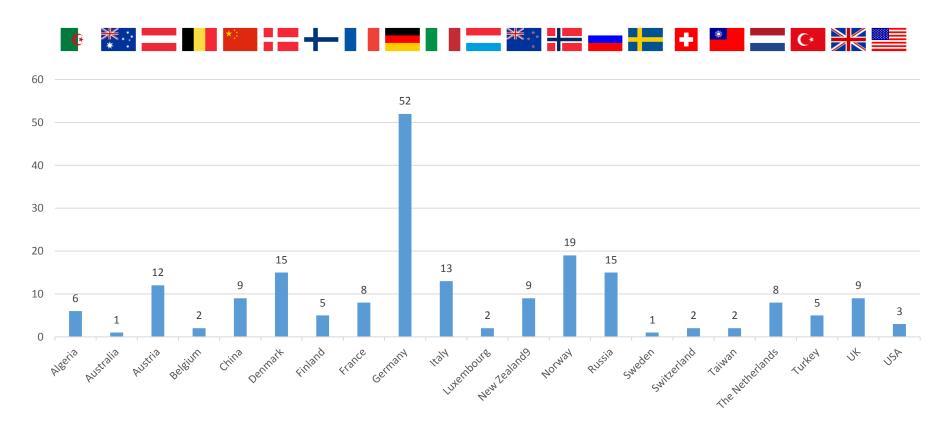
Authors 196
Countries 21
Steering committee members 35
Country representation 27

Total number of participators 222

Total number of involved countries 27

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Some statistics (authors by countries)



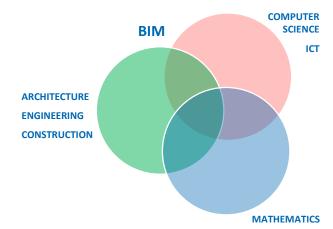
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Keynote speakers

Thomas Liebich, PhD AEC3, buildingSmart, Germany



Philipp Nikandrov GORPROJECT, Moscow, Russia



Franz Baader, Dr.-Ing. Technische Universität Dresden. Germany





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Thematic sections

- 1 ICT impacts on BIM standardization, regulation policy and legislative processes (6)
- **2** Key aspects of data integration and management (11)
- Models, methods and tools for design, engineering, construction and maintenance (12)
- 4 Applications of artificial intelligence (9)
- **5** Digital twins and cyber-physical systems (8)
- 6 Photogrammetry, laser scanning and point clouds (7)
- **7** City and building information modelling (3)
- **8** Environmental, social and economic dimensions of sustainability (5)
- **9** BIM education and training (7)
- Organizational, perceptual and technological issues of BIM adoption (10)

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Programme

All times CEST (UTC+2)

Room A: opening, plenary sessions, thematic sections in left column of the program tables, closing

Room B: thematic sections in right column of the program tables

Room C: EAPPM assembly meeting

Time/Day	Wednesday, 15 th of September		Thursday, 16 th of September	
9:00-9:15 9:15-10:45	Registration Opening		Plenary session	
3.13 10.13	Prof. Vitaly Semenov, ISP RAS, Moscow Prof. Raimar Scherer, TU Dresden		Dr. Franz Baader, TU Dresden	
	Plenary session Philipp Nikandrov, GORPROJECT, Russia		Dr. Thomas Liebich, AEC3, buildingSmart, Germany	
10:45-11:00	Coffee break		Coffee break	
11:00-13:00	ICT impacts on BIM standardization and regulation	Models, methods, tools for design, engineering and construction (I)	Digital twins and cyber-physical systems (I)	Applications of artificial intelligence (I)
13:00-14:00	Lunch break		Lunch break	
14:00-15:45	Key aspects of data integration and management (I)	Models, methods, tools for design, engineering and construction (II)	Digital twins and cyber-physical systems (II)	Applications of artificial intelligence (II)
		City and building information modelling	Photogrammetry, laser scanning and point clouds	Organizational, perceptual and technological issues of BIM adoption (I)
15:45-16:00	Coffee break		Coffee break	
16:00-18:00	Key aspects of data integration and management (II)	BIM education and adoption	Environmental, social and economic dimensions of sustainability	Organizational, perceptual and technological issues of BIM adoption (II)
18:00-19:00	EAPPM Assembly Meeting		Closing Session	

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Publications

- ECPPM 2021 Conference Programme & Book of Abstracts
- ECPPM 2021 Proceedings. CRC Press Taylor & Francis Group

eWork and eBusiness in Architecture, Engineering and Construction Advance State School Schoo

ECPPM 2021

Preface

As new social, economic, environmental changes, including dramatic epidemic challenges, occur, the role of digital technologies becomes increasingly influential, especially in the development of the Architecture, Engineering, Construction and Facility Management (AEC/FM) industry. They allow a new perspective for sustainable evolution of urban environments and infrastructures that are permanently growing and becoming more complex. Although the digital transformation of the building industry has been an ongoing process over several decades, often hidden under the moniker of Building Information Modelling (BIM), the progress in development and practical adoption of digital technologies does not fully meet the expectations. It certainly has much greater potential that will be realized in the coming years.

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Thanks for loyalty to the ECPPM conference!

Have successful and productive days!