FDIBA Conference Program

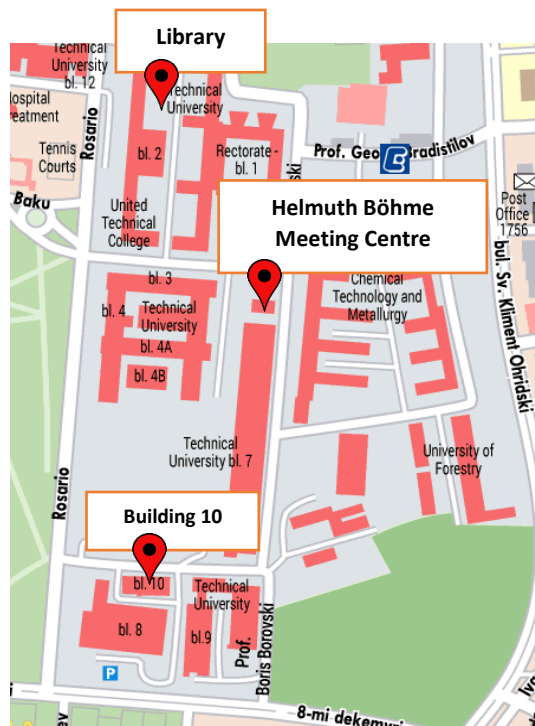## 28.11.2019 – 29.11.2019

Venue

The conference will be held in three locations in the campus of the Technical University of Sofia. The first is the Library of the TU–Sofia, which will host the opening ceremony on 28.11. The conference room of the Helmut Böhme Meeting Centre (IBZ) will host, the PhD Students session and the Session on Mechanical Engineering, Mechatronics and Economics will take place there. The sessions on Computer Science will be held in room 10100 in Building 10.

The Banquet will take place in the V Parka hall (vparka.com), located in Bulgaria square 1 (The Small Palace of Culture) on the evening of 29.11.2019.

Wireless Internet Access

Free Wi-Fi will be provided to all conference participants during the event at all three locations. The name of the network is FDIBA Conference 2019 (location 10100 and IBZ). Please take into consideration that data is not encrypted over this network and using only secure protocols is recommended. You can also use the eduroam network if your institution participates in eduroam (not available in Helmut Böhme Meeting Centre).

Thursday, 28. 11. 2019

	Library of the Technical University of Sofia
14:00	Official Opening Ceremony
14:15	**Plenary Talk**
	Prof. Orestis Terzidis, Karlsruher Institut für Technologie (KIT)
	Artificial Intelligence: Responsible Business Model Innovation
15:00	**Prof. Peter Greulich,** Leibniz Universität Hannover
	Die Rechte des Bestellers bei Mängeln von Werkleistungen (§ 634 BGB) und Hinweispflichten von Bedenken im Werkvertragsrecht

Friday, 29. 11. 2019

Room	IBZ		10100
09:45			**Prof. Orestis Terzidis** Technology Enterpreneurship
10:30		**Malte Fiedler, Martin Kissling** Cause and Effects of Fake Reviews – A Literature Review	**Devina Manoeva, Tom Assmann, Stephan Schmidt** Ergonomic and functional analysis of an autonomous urban vehicle for individual use
10:50	Session BWL2	**Tim Sofke** Digitization in Tax Enforcement – a Guns vs. Butter Approach	**Irina Korova** A Literature Review on the Impact of Project Portfolio Management on Project Management with a Focus on IT Projects
11:10	Chair: Stefan Stefanov	**Jutta Henke** The impact of digitalisation on fiscal systems – an explorative review	**Emil Grigorov** Summary of potential applications of nanofluids
11:30		**Zwetelina Gankova – Ivanova** Digitalization and labor market – perspectives and challenges	**Petar Nikolov, Vassil Galabov** The Journey Of Quantum Information Technology
11:50		**Gero Gunkel** 3D printing – commercial effects of digitalisation in industrial manufacturing	**Vasil Kumanov** Communications in swarms of small satellites
12:10	**Lunch break**		
13:30		**Jens Lamprecht, Susanne Robra-Bissantz** The Influence of Social Media Use on Social Capital	**Stefan Hensel, Marin B. Marinov, Max Schmitt** Experimental Setup for Investigation and Evaluation of a Mapping and Localization System
13:50	Session BWL2	**Johannes Brunzel, Johannes Schmidt, Dietrich von der Oelsnitz** Top-Executives And Digitalization – Insights From The Academic Literature	**Jan-Paul Huttner, David Schilgen, Susanne Robra-Bissantz** A Virtual Memory Palace: Engagement improves the Long-term Memory
14:10	Chair: Ina Nikolova-Jahn	**Tomislava Grozdanova** Digitalization of the Economy as an Incentive for Innovative Development	**Michael Meyer, Patrick Helmholz, Friedrich Temps, Susanne Robra-Bissantz** (How) Can I help you? Emotion-Reaction-Guidelines for the Stationary Retail
14:30		**Peter Greulich** Die Rechte des Käufers bei Mängeln gelieferter Waren (§ 434 BGB) und Obliegenheiten von Verkäufer und Käufer bei Durchführung des Kaufvertrages	**Dominik Siemon, Maja Felicitas Stich, Stefan Sievert, Wahied Noorzai, Susanne Robra-Bissantz** Team Roles in Human-Machine Collaboration
14:50		**Coffee Break**	**Patrick Helmholz, Michael Meyer, Susanne Robra-Bissantz** The Era of Music Streaming and the Challenges of Music Recommendation
15:10	Session MECH Chair: Vassil Galabov	**Hashem Badra, Jivka Ovtcharova** Smart Factory of Future - More efficient, more flexible, faster and more sustainable	
15:30		**Elitsa Gieva, Georgi Nikolov, Boyanka Nikolova, Marin Marinov** Investigation of conductive structures printed using Inkjet technology	
15:50		**Stefan Hensel, Marin B. Marinov, Florian Sprich** Automated Acoustic Hit Detection and Score Calculation on a Steel Dartboard	
18:30	**BANQUET**		

Session DOC — Chair: Marin Marinov

Session INF — Chair: Irina Topalova