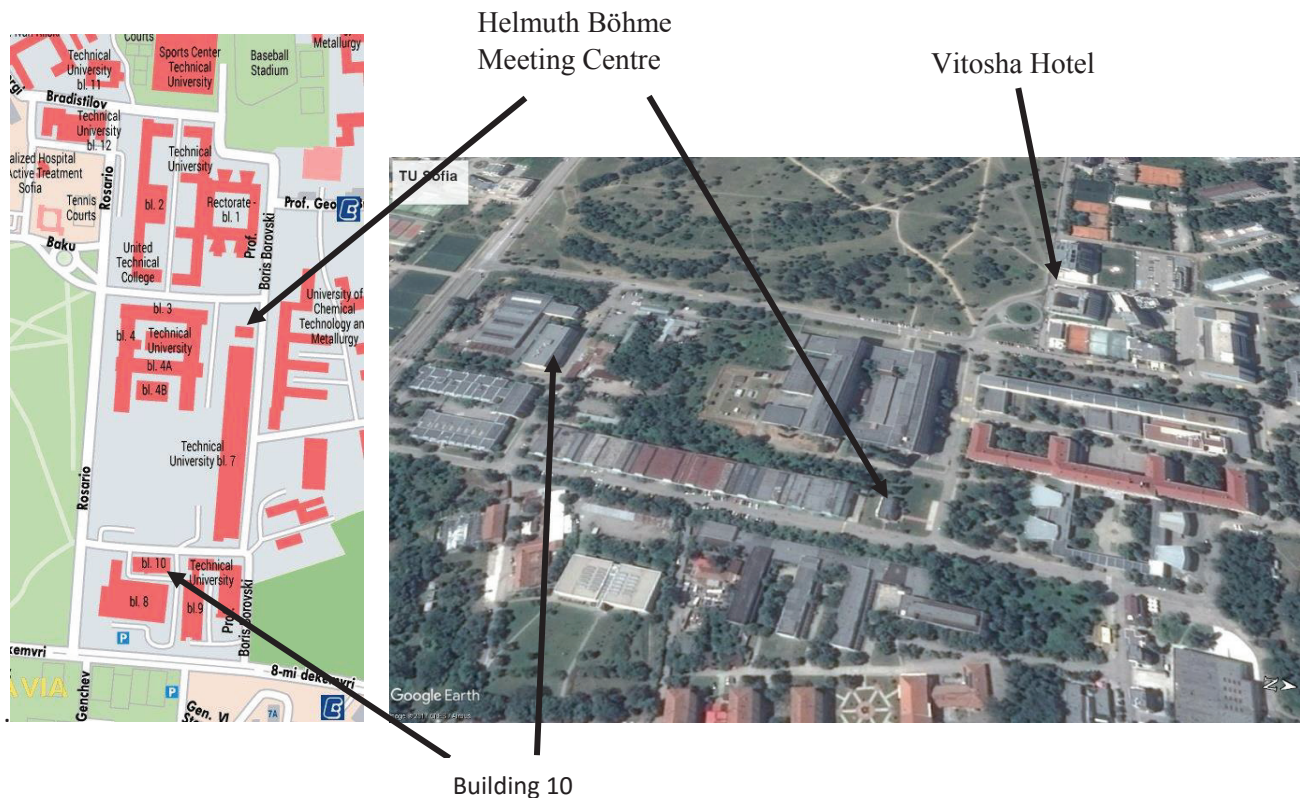


FDIBA Conference Program

30. 11. – 1. 12. 2017

Venue

The conference will be held in two locations in the campus of the Technical University of Sofia. The first is the conference room of the Helmut Böhme Meeting Centre, where the opening and the sessions on Economics and Management and Mechanical Engineering will take place. The sessions on Computer Science and Education will be held in room 10100 in Building 10. The same building, room 10202, will host the poster session. The banquet will be held at the Vitosha Hotel restaurant.



Wireless Internet Access

Free Wi-Fi will be provided to all conference participants during the event at both locations. The name of the network is FDIBA Conference 2017. 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).

Sessions

Thursday, 30. 11. 2017

The Helmut Böhme International Meeting Centre (IBZ)	
17:00	Official Opening Ceremony
17:30	Plenary Talk Prof. Jivka Ovtcharova, KIT <i>Spielerische Umsetzung von Industrie 4.0 bei KMU: Risiken minimieren und Chancen erkennen</i>
19:30	Banquet Vitosha Hotel

Friday, 01. 12. 2017 morning

Raum	10100	IBZ	10202
9:00	Session INF1 Chair: Velko Ilchev Co-chair: Sebastian Zug	Session BWL1 Chair: Stefan Stefanov Co-chair: Thomas Heupel	
9:20			
9:40			
10:00			Poster Session Chair: Zvetelina Gankova Julieta Kaleicheva, Valentin Mishev, Zdravka Karaguiozova, <i>Effect of Nanoadditives on the Characteristics of Bainitic Transformation in Spheroidal Graphite Cast Irons</i> Ognyan Kamenov, Magdalena Uzunova <i>Bidirectional travelling surface waves in a convecting fluid</i> Magdalena Uzunova <i>Solitary and Cnoidal Waves in the Equation of a Convecting Fluid</i> Zwetelina Gankova - Ivanova, Svetlozar Todorov <i>Transparent Governance for Corruption Prevention</i> Julieta Kaleicheva, Zdravka Karaguiozova, Valentin Mishev <i>Enhancement of surface properties of steel samples using new technique for electroless nickel plating</i> Zwetelina Gankova – Ivanova <i>Shadow Economy, transparent E-Governance</i> Georgi Yanachkov, Simona Hesapchieva <i>Using Multilink Type Suspension as a Front Suspension For a Motorcycle</i> Galina Nikolcheva, Julieta Kaleicheva <i>Grouping of technological features using a clustering algorithm</i> Stefan Kiranov <i>Application of UniSim Design to study the static and dynamic properties of a chemical technology equipment</i>
10:20			
10:40			
11:00	Session INF2 Chair: Sebastian Zug Co-chair: Veska Georgieva	Session BWL2 Chair: Thomas Heupel Co-chair: Stefan Stefanov	
11:20			
11:40			

12:00	LUNCH Vitosha Hotel		
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Friday, 01. 12. 2017 afternoon

Raum	10100	IBZ	10202	
14:00	Session INF3 Chair: Veska Georgieva Co-chair: Velko Ilchev	Virginiya Dimitrova <i>Framework for implementing, evaluating and analyzing some algorithms for non-photorealistic image processing</i>	Session MB Chair: Vassil Galabov Co-chair: Thomas Mücke	Thomas Mücke <i>Challenges for new business models based on big-data analysis in the machining industry</i>
14:20		Vanya Markova <i>Approach for knowledge transfer for building autonomous agent behaviour</i>		Miglena Donschewa, Denise Stamatov, Marin B. Marinov <i>Konzept und Entwicklung einer VR-Anwendung</i>
14:40		Stefan Hensel, Marin B. Marinov <i>Sensor data fusion for topological localization of rail vehicles</i>		Sasho Guergov, Aleksandar Tsenov <i>Nicht-traditionelles Verfahren zur Organisierung von Informationssteuerungssysteme für Intelligente Produktionsmaschinen</i>
15:00		Julia Popowa, Lucas Pfeiffer <i>German as a foreign language and the mastery of relevant technical language as a requirement for a successful engineering education at FDIBA</i>		Sasho Guergov, Aleksander Tsenov <i>On the issue of technology process for intelligent machine tools</i>
15:20		Thomas Scheicher, Thomas Heupel <i>Ways to identify influence factors of virtual reality-systems on the acceptance in teaching - differences in generations X, Y and Z.</i>		Stefan Hensel, Marin B. Marinov <i>Estimation of Magnetic Field Maps With Mobile Platforms</i>
16.00	ROUND TABLE			
17.00	CONFERENCE CLOSING			