

Session 3A. BIM, Ontologies and Semantic Approaches I
Moderator: Rui Liu (University of Florida)

- 10:15** #309. Evaluation of IFC for the Augmentation of Intelligent Transportation Systems (ITS) into Bridge Information Models (BrIM)
Alireza Adibfar and Aaron Costin
- 10:30** #96. BIM-based Estimation of Wood Waste Stream: The Case of an Institutional Building Project
Amal Bakchan, Beatriz Guerra, Kasey Faust and Fernanda Leite
- 10:45** #85. Applying Deep Learning and Building Information Modeling to Indoor Positioning Based on Sound
Chih-Hsiung Chang, Chia-Ying Lin, Ru-Guan Wang and Chien-Cheng Chou
- 11:00** #171. A BIM-enabled Design Method for Green Plantation on Building Sites
Ching-Chun Chou, Shang-Hsien Hsieh and Yun-Tsui Chang
- 11:15** #259. Using public sentiment for rapid damage assessment by crowdsourcing data: Hurricane Matthew case study
Faxi Yuan and Rui Liu
- 11:30** #127. Formalizing Construction Sequencing Knowledge and Mining Company-Specific Best Practices from Past Project Schedules
Fouad Amer and Mani Golparvar-Fard
- 11:45** #427. Integration of Building Information Modeling and Facilities Management: A Case Study at Worcester Polytechnic Institute
Guillermo F. Salazar, Mohamed Aboulezz and Sergio Alvarez