

Session 3E. BIM, Ontologies and Semantic Approaches 4
Moderator: Hubo Cai (Purdue University)

- 13:00** #62. BIM-based Integrated Design Approach for Low Carbon Green Building Optimization and Sustainable Construction
Vincent J.L. Gan, Irene M.C. Lo, K.T. Tse, C.L. Wong, Jack C.P. Cheng and C.M. Chan
- 13:15** #173. Designing a Database Schema for Supporting Visual Management of Variable Parameters in BIM Models
Wei-Liang Kuo, Han-Xiang Lee and Shang-Hsien Hsieh
- 13:30** #185. Automated Parsing of Construction Schedules for Easy and Quick Assembly of 4D BIM Simulations
Wilfredo Torres Calderon, Yumo Chi, Mani Golparvar-Fard and Fouad Amer
- 13:45** #67. Modeling 3D Spatial Constraints to Support Utility Compliance Checking
Xin Xu and Hubo Cai
- 14:00** #23. A Bridge Information Modelling Framework for Model Interoperability
Yidong Qin, Rucheng Xiao, Yang Wang and Kincho Law
- 14:15** #40. Cast-in-Place Reinforced Concrete Project Model Exchange Standards: Technology Challenges and Processes Automation
Leonardo Garcia and Daniel Castro-Lacouture
- 14:30** #41. Holistic Clash Resolution Improvement Using Spatial Networks
Yuqing Hu, Daniel Castro and Charles Eastman
- 14:45** #35. A semantic model for wireless sensor networks in cognitive buildings
Stalin Ibáñez, Kay Smarsly and Theresa Fitz