Session 1B. Reality Capture Technologies 2
Moderator: Pingbo Tang (Arizona State University)

13:00 #443. Spatial Change Tracking of Structural Elements of a Girder Bridge under Construction Using 3D Point Cloud
Sudip Subedi, Vamsi Kalasapudi and Nipesh Pradhananga

13:15 #276. A 3D irregular packing algorithm using point cloud data
Yinghui Zhao and Carl Haas

13:30 #68. Visual-Semantic Alignments for Automated Interpretation of 3D Imagery Data of High-Pier Bridges
Zhe Sun, Pingbo Tang, Ying Shi and Wen Xiong

13:45 #125. Exploring the Potential of Image-based 3D Geometry and Appearance Reasoning for Automated Construction Progress Monitoring
Jacob Je-Chian Lin, Jae Yong Lee and Mani Golparvar-Fard

14:00 #454. Reconstruction of Wind Turbine Blade Geometry and Internal Structure from Point Cloud Data
Benjamin Tasistro-Hart, Tristan Al-Haddad, Lawrence Bank and Russell Gentry

14:15 #39. Semantic segmentation of building point clouds using deep learning: A method for creating training data using BIM to point cloud label
Thomas Czerniawski and Fernanda Leite

14:30 #160. As-built BIM updating based on image processing and artificial intelligence
Cheng Zhang and Hong Huang