

**Session 5B. Big Data and Machine Learning 2**  
**Moderator: Baabak Ashuri (Georgia Institute of Tech)**

**13:00** #446. Leveraging the Blockchain Technology in AEC Industry during the Design Development Phase

**Sulekha Singh and Baabak Ashuri**

**13:15** #138. Reference Signal based Method to Remove Respiration Noise in Electrodermal Activity (EDA) Collected from the Field

**Gaang Lee, Byungjoo Choi, Houtan Jebelli, Changbum Ahn and Sanghyun Lee**

**13:30** #253. Unsupervised Machine Learning for Augmented Data Analytics of Building Codes

**Ruichuan Zhang and Nora El-Gohary**

**13:45** #379. A Data-Driven and Physics-Based Approach to Exploring Interdependency of Interconnected Infrastructures

**Shenghua Zhou, Thomas Shiu Tong Ng, Yifan Yang, Frank Jun Xu and Dezhi Li**

**14:00** #11. Integrating Spatial and Attentional Cues for Construction Working Group Identification: A Long Short-Term Memory Based Machine Learning Approach

**Jiannan Cai, Yuxi Zhang and Hubo Cai**

**14:15** #331. Development of Massive Point Cloud Data Geoprocessing Framework for Construction Site Monitoring

**Minh Hieu Nguyen, Sanghyun Yoon, Sangyoon Park and Joon Heo**