## Towards in-situ 3D printing and assembly with mobile robots

Pham Quang Cuong Nanyang Tech. University

## Abstract

Construction is a promising but challenging application area for robotics. The main challenges stem from the messy and unpredictable nature of construction sites. In this talk, I will present two recent studies from our research group that highlight those challenges: 3D printing of large concrete structures by mobile robots, and human-robot collaboration for mobile assembly.

