
PHUONG D.H. NGUYEN



VIETNAMESE



@TOWARDTHESEA



@NGUYEN DONG HAI
PHUONG

EDUCATION & EXPERIENCES

CURRENT

- PhD Fellow, IIT, since 2016
- Research topic: perceptual and sensorimotor capabilities for Humanoid robots

PROJECTS

- WYSIWYD (What you say is what you did: <http://wysiwyd.upf.edu/>)
- SECURE, Multisensory representation of situations (<http://secure-robots.eu/projects/8-multisensory-representation-of-situations/>)
- SAFEMAP (Risk mapping after disaster using UAV), 2015

DEGREE / DATE EARNED

- MSc: Advanced Robotics, EMARO, France & Italy, 2015
- BSc: Electrical Engineering, Vietnam, 2010

PUBLICATIONS

Phuong D.H. Nguyen, M. Hoffmann, U. Pattacini, and G. Metta, "A fast heuristic Cartesian space motion planning algorithm for many-DoF robotic manipulators in dynamic environments," the Humanoid Robots (Humanoids), 2016 IEEE-RAS 16th International Conference, 2016, pp. 884–891.

Phuong D.H. Nguyen, C. T. Recchiuto, and A. Sgorbissa, "Real-time path generation for multicopters in environments with obstacles," the Intelligent Robots and Systems (IROS), 2016 IEEE/RSJ International Conference, 2016, pp. 1582–1588.

Phuong D.H. Nguyen, C. T. Recchiuto, and A. Sgorbissa, "Real-time path generation and obstacle avoidance for multirotors: a novel approach," Journal of Intelligent & Robotic Systems, 2017