

DAEGYU LIM

Ph.D Candidate
dgyo3784@gmail.com
daegyulim.github.io

EDUCATION

- **Ph.D Candidate in Transdisciplinary Studies** Mar. 2017 - Present
Seoul National University, Seoul, Republic of Korea
- **BA in Mechanical and Aerospace Engineering** Mar. 2012 - Feb. 2017
Seoul National University, Seoul, Republic of Korea

PUBLICATIONS

- **Daegyul Lim**, Donghyeon Kim, Jaeheung Park. “Online Telemanipulation Framework on Humanoid for both Manipulation and Imitation” *2022 The 19th International Conference on Ubiquitous Robots (UR 2022)*. IEEE, 2022.
- Kim, Donghyeon*, **Daegyul Lim***, and Jaeheung Park. “Transferable Collision Detection Learning for Collaborative Manipulator Using Versatile Modularized Neural Network.” *IEEE Transactions on Robotics* (2021). (*equal contribution)
- **Daegyul Lim***, Donghyeon Kim*, Jaeheung Park. “Momentum Observer-Based Collision Detection Using LSTM for Model Uncertainty Learning.” *2021 IEEE International Conference on Robotics and Automation (ICRA)*. IEEE, 2021. (*equal contribution)
- Kim, Mingon, **Daegyul Lim**, and Jaeheung Park. “Online walking pattern generation for humanoid robot with compliant motion control.” *2019 International Conference on Robotics and Automation (ICRA)*. IEEE, 2019.

AWARDS & HONOURS

- **Best Application Paper Award**, The 19th International Conference on Ubiquitous Robots (UR 2022).

SKILLS

Computer Languages	C/C++, Python, ROS, Matlab
Simulator	MuJoCo, Isaac Gym, CoppeliaSim
Library	Pytorch, Tensorflow, RBDL, qpOASES