

Won Woo CHO

PERSONAL DATA

Graduate Student

MARCH Lab., Department of Mechanical Engineering,
Pohang University of Science and Technology (POSTECH)
77 Cheongam-ro, Pohang, Gyeongbuk, 37673, Republic of Korea.

NATIONALITY South Korea
BIRTH September 16, 1994
E-MAIL wonoo33@postech.ac.kr
CELL +82-10-3909-8502



RESEARCH INTERESTS

Exoskeleton for rescue workers for safe and effective operations

Element technologies of the exoskeleton

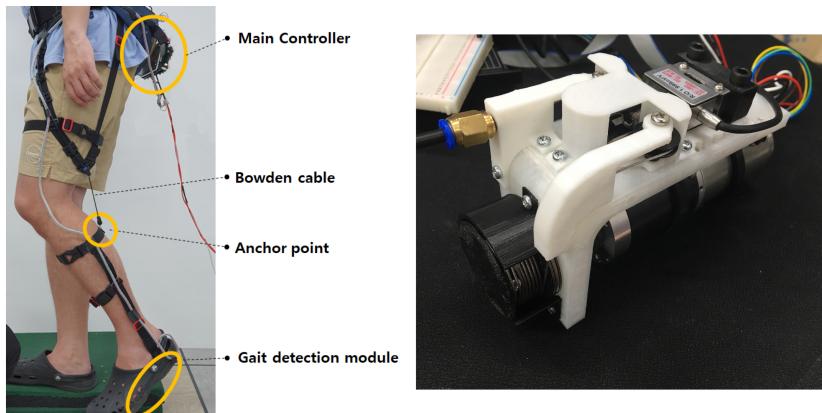
- Fast and accurate intention detection of dynamic motions and postures
- Kinematic Mechanism
- Actuator (e.g. hydraulic, motor, ⋯)
- Control Methods (e.g. Time-delayed feedback control, Impedance control, ⋯)

EDUCATION & INTERNSHIP & STUDYING ABROAD

2020.03- Graduate student, Master course
Advisor: Prof. Kee Hoon KIM

2014.02-2020.02 Kookmin University (KMU), Seoul, Korea
B.S., Mechanical Systems Engineering, KMU
GPA: 4.08/4.50 percentile rank 95.2

2019.07-2019.08 Internship, *Rehabilitation Lab. (KAIST)* Advisor: Prof. Hyung Soon PARK
Design of Wearable Suit for Knee Flexion with Cable-Driven Mechanism



2019.03-2019.07 Capstone Design Lecture, (KMU) Advisor: Prof. Baek Kyu CHO
Pneumatic Exosuit for Sit to Stand Motion



2019.01-2019.02 Internship, Robotics Lab. (POSTECH) Advisor: Prof. Wan Kyun CHUNG

PUBLICATIONS

Selected Domestic Journal and Conference

1. Yusung Kim, Seonghyeon Jo, **Wonwoo Cho**, and Hyung-soon Park, "Design of Wearable Suit for Knee Flexion with Cable-Driven Mechanism," in *2020 15th Korea Robotics Society Annual Conference*.(accepted)

LANGUAGES, SKILLS AND ABILITIES

Languages	Korean (mother tongue) English (TOEFL 90) Japanese (JLPT N2)
Computer Skills	MATLAB, C/C++, L ^A T _E X SolidWorks, Fusion 360, DAFUL, Procreate, Logic Pro X
Hardware & Equipment	sEMG sensors (Thalmic MYO) Embedded - Arduino
ETC.	새날(KMU Band Club)

INTERESTS AND ACTIVITIES

Music(Guitar, Band, Composition), Fashion, Games(League of Legend, Tekken, ⋯)