# PRS KOREA 2025

November 9(Sun)~11(Tue), 2025 Grand InterContinental Seoul Parnas Hotel



## **Curriculum Vitae**

Personal Information		
Title (i.e. Pf., Dr., etc.)	Dr.	
Name (First name_Last Name)	Sehoon Park	
Degree (i.e. MD, Msc, PhD, etc.)	PhD	
Country	Korea	
Affiliation	KOREC (Korea Orthopedics & Rehabilitation Engineering Center)	

### **Educational Background**

2006. Ph.D. in Electronic Engineering Kyungbook National Univ.

2000. M.S. in Electronic Engineering Kyungbook National Univ.

1998. B.S. in Electronic Engineering Kyungbook National Univ.

#### **Professional Experience**

2024 ~ current **KOREC Director** 

2006. ~ 2024. **KOREC Senior Researcher** 

- Development of a Myoelectric Hand Prosthesis
- Development of a Above-Knee Prosthesis.

#### **Professional Organizations**

2024~ RI KOREA Technical division Expert Committee Member

2023~ MOTIE Advanced Robotics Industry Strategy Alliance Creating new market WG Member

2022~ BISTEP Technology Commercialization Evaluation Committee Member

2013~ BTP Strategic Industry Evaluation Committee Member

#### **Main Scientific Publications**

- Development of Multifunctional Myo-electric Hand Prosthesis system with easy and effective Mode Change Control Method Based on the Thumb Position and State
- Development of multi-degree-of-freedom hand Prosthesis cover with sensory Recognition
- Selective Passive/Active Switchable Knee Prosthesis Based on Multifunctional Rotary Hydraulic **Cylinder for Transfemoral Amputees**

