



## KSUM 2023 Invited Speaker's CV

All fields marked with an asterisk (\*) should be completed.

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|--|---|---|
| <b>Name*</b>                                   | Park, Suhyun  |  |
| <b>EDUCATIONAL BACKGROUND</b>                  |   |   |
| <b>Country*</b>                                | Korea   |   |
| <b>Current Affiliation*</b>                    | Department of Electronic and Electrical Engineering<br>Ewha Womans University   |   |
| <b>Specialty*</b>                              | Ultrasound imaging, Beamforming, Biosignal analysis, Deep learning  |   |
| <b>Education*</b><br>(100 words)               | 1995-1999 Bachelor, Electronic Engineering, Ewha Womans University, Seoul, Korea  |   |
| <b>Post-Graduate Education*</b><br>(100 words) | 1999-2001 Master, Electronic Engineering, Ewha Womans University, Seoul, Korea<br>2003-2008 Doctorate, Biomedical Engineering, University of Texas at Austin, Texas, USA  |   |
| <b>Academic Appointments*</b><br>(200 words)   | 2017-2021 Associate Professor, Electrical and Electronic Engineering, Chung-Ang University, Seoul, Korea<br>2021-present Associate Professor, Electronic and Electrical Engineering, Ewha Womans University, Seoul, Korea |   |



# KSUM 2023

The 54<sup>th</sup> Annual Congress of Korean Society of Ultrasound in Medicine

May 11 (Thu) – 13 (Sat), 2023 | Coex, Seoul, Korea

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| <p><b>Scientific Publications*</b><br/><b>(200 words)</b></p> | <p>Vascular wall motion detection models based on long short-term memory in plane-wave-based ultrasound imaging, <i>Physics in Medicine and Biology</i>, 2023</p> <p>Semantic Segmentation of Pancreatic Cancer in Endoscopic Ultrasound Images Using Deep Learning Approach, <i>Cancers</i>, 2022</p> <p>Reconstruction for Plane-wave Ultrasound Imaging Using Modified U-Net-Based Beamformer, <i>Computerized Medical Imaging and Graphics</i>, 2022</p> |
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