

## Jonghan Jin, Ph.D.

Principal Research Scientist / Distinguished Research Scientist

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### Education

- 2006 Ph. D., KAIST, Department of Mechanical Engineering
- 2002 M.S., KAIST, Department of Mechanical Engineering
- 2000 B.S., Pusan National University, School of Mechanical Engineering

### Carrier History

- 2015 - Present Principal Research Scientist, Group for Length standard, KRISS
- 2017 Head, Center for Length, KRISS
- 2008 - 2015 Senior Research Scientist, Center for Length, KRISS
  
- 2020 - Present Chief Major Professor, Department of Science of Measurement, UST
- 2018 - Present Professor (Full-time), Department of Science of Measurement, UST
- 2015 - 2018 Associate Professor (Full-time), Department of Science of Measurement, UST
- 2011 - 2015 Associate Professor (Adjunct), Department of Science of Measurement, UST
  
- 2019 - Present CTO, Meter-Lab Corp.
  
- 2019 - Present President, Department of Precision Measurement, Korean Society of Precision Engineering (KSPE)
- 2017 - 2018 Director of Academic Affairs, Optical Society of Korea (OSA)
- 2011 - Present Editor, International Journal of Precision Engineering and Manufacturing (IJPEM)
- 2008 - Present Editor, Journal of Korean Society of Precision Engineering (J-KSPE)
- 2008 - Present Program committee member, OSA-CLEO, SPIE Optics and Photonics, ASPEN, PRESM, etc
  
- 2006 - 2008 Post-doc., KAIST Institute of Optical Science and Technology, KAIST

## Research areas

- Precision dimensional metrology for semiconductor and display manufacturing process
- Absolute distance measurement and precision dimensional metrology for large scale industry
- Length standards (Step height, Surface texture measurement, Laser frequency, dimension of 3D-printer outputs)

## Awards and Honors

- Baekam Paper Award (백암논문상), Korea Society of Precision Engineering (2020. 09)
- Distinguished Research Scientist, KRISS (2018. 03)
- KRISS Award of the Month, KRISS (2017. 08)
- ASML Young Scientist Award, OSK (2016. 04)
- Best Lecture Award, UST (2015. 08)
- Ji Seok-Young Patent Award (지석영상), Korean Intellectual Property Office (2014.12)
- KRISS Award of the Month, KRISS (2012. 08)
- Best Paper Award of the Year, KRISS (2011. 10)

## Research works

- 45 SCI journal papers and 11 domestic journal papers
  - Nature, Scientific Reports, Applied Physics Letters, Optics Express, etc
  - > 2000 citations @ Google scholar
- 35 published domestic patents and 6 published international patents
- 10 technology transfers



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