

Shae K. Kim

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Nationality: Republic of Korea

EDUCATION

| | | | |
|-------------------------|------|---------------------------|------|
| Sungkyunkwan University | Ph.D | Metallic Materials | 2001 |
| Sungkyunkwan University | MS | Metallurgical Engineering | 1997 |
| Sungkyunkwan University | BS | Metallurgical Engineering | 1995 |

PROFESSIONAL ACTIVITIES

- Visiting Professor, AGH UST, Poland (July 2019 to June 2023)
- Visiting Professor, McGill Univ., Canada (July 2016 to June 2019)
- Professor, UST, Korea (September 2012 to Present)
- Principal Researcher, KITECH, Korea (June 2002 to Present)

AWARD AND HONORS

- 2013 President's Award for A Man of National Invention Merit
- 2012 Person of the Year Award by Korea Science Journalists Association
- 2011 ISTK Chairman Award for the Best Researcher
- 2010 Prime Minister's Award for Korea Technology Award of 2010

MAIN SCIENTIFIC PUBLICATION

- More than 200 technical publications in professional journals
- More than 300 technical presentations at international conferences
- More than 100 world patents

RESEARCH INTERESTS

- No trade-off of strength and ductility
- Uni-aluminum alloy
- Practical alloying and cleanliness of magnesium and aluminum alloys for ideal properties
- Fire-proof ECO-Mg alloys
- Giga-Al (ECO-Almag) alloys