

Curriculum vitae of

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Nationality / Gender / Birth date

Rep. of Korea (South Korea) / Female / 2nd April 1983

Education

- Ph.D., Natural Sciences (Dr. rer. nat.), the research group “Planetary Atmospheres” of the Max Planck Institute for Solar System Research (MPS) and the Institute for Geophysics and Extraterrestrial Physics (IGEP) of the TU Braunschweig, Germany, April 2012
- M.S., Atmospheric Science, Yonsei University, Seoul, South Korea, August 2008
- B.S., Atmospheric Sciences, Yonsei University, Seoul, South Korea, August 2006

Honors/Awards/Fellowships

- | | |
|-----------|---|
| 2021 | Chief Investigator position at the Institute for Basic Science, South Korea |
| 2021 | 2020 Top 50 Physics articles of the Nature Communications papers
https://www.nature.com/collections/bjeiefhg |
| 2020 | Featured Image of Nature Communications https://t.co/OuaBrWf198 |
| 2019 | EU Horizon2020 Marie Skłodowska-Curie Actions (MSCA) Individual Fellowships (IF)
- The Fellow of the Week (MSCA), May 7th 2021, Facebook |
| 2019 | NOVA Highlight Selection
https://aasnova.org/2019/12/23/selections-from-2019-tracking-variations-in-venuss-clouds/ |
| 2009-2012 | PhD Fellowship from the International Max Planck Research School (IMPRS) on Physical Processes in the Solar System and Beyond at the Universities of Braunschweig and Göttingen, Germany |
| 2006 | Recipient of university designated scholarship for honor student
Yonsei University, Seoul, Rep. of Korea |

Research Highlight

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| 2020 | 2020 Top 50 Physics articles of the Nature Communications papers (Most downloaded, 5th place) https://www.nature.com/collections/bjeiefhg |
| 2020 | Featured Image of Nature Communications https://t.co/OuaBrWf198 |

2019 NOVA Highlight Selection
<https://aasnova.org/2019/12/23/selections-from-2019-tracking-variations-in-venuss-clouds/>

Work Experiences

2022-present Chief Investigator, IBS/PAG, Daejeon, S. Korea
2019-2022 Guest Investigator of the BepiColombo project (ESA-JAXA)
2016-present Co-I of UVI on board Akatsuki/JAXA
2015-present Member of the science observation planning team of Akatsuki/JAXA
2021 Researcher at DLR, Berlin, Germany
2019-2021 EU researcher at Technical Univ. of Berlin, Germany
2019-2021 Visiting scientist at DLR, Berlin, Germany
2020 Venus Faraway observation campaign (3 spacecraft, 6 ground-based telescopes)
2017-2020 Co-I of 5 Venus observation programs at IRTF/NASA, Subaru/NAOJ, and SOFIA (all are executed, or confirmed)
2018 PI of Venus observations at UVES/VLT/ESO, Chile (total 5 hrs during 3 nights)
2017 PI of Venus observations at IRTF/NASA, Hawaii, USA (total 60 hours for 15 days in 2016B and 2017A)
2017-2018 Project Researcher at Univ. of Tokyo, Kashiwa, Japan
2016-2018 Organizer of coordinated Venus observations of ground-based observations with Akatsuki/JAXA, Japan
2012-2017 Invited Research Associate at ISAS/JAXA in the Akatsuki team, Japan
2009-2012 Ph.D. and a postdoc position in the 'Planetary Atmospheres' research group, MPS, Germany