

## AHN Joungreal

**Associate Professor**  
**Department of Physics**



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**Key Words** Graphene, Silicon, Neuron, Nano Physics, Bio Physics

**Research Area** 2D Materials, Neuronal Network

**Education**

- 2007-2000      PhD      POSTECH
- 2005-2006      MSc      POSTECH
- 1991-2004      BSc      Sungkyunkwan University

**Experience**

- 2000-2001      UC Irvine
- 2002-2005      Yonsei University
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**Position**

- 20006-Now      Sungkyunkwan University
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**Selected Publication**

- Wafer-Scale Growth of Single-Crystal Monolayer Graphene on Reusable Hydrogen-Terminated Germanium Science (2014)
- Epitaxial Growth of a Single-Crystal Hybridized Boron Nitride and Graphene Layer on a Wide-Band Gap Semiconductor JACS (2015)
- Direct Momentum-Resolved Observation of One-Dimensional Confinement of Externally Doped Electrons within a Single Subnanometer-Scale Wire Nano Letter (2015)
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**Others**

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