

KOREAN INTERNATIONAL, SEMICONDUCTOR CONFERENCE & EXHIBITION ON MANUFACTURING TECHNOLOGY 2024

KISM 2024 BUSAN

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Dr. Van Quang Nguyen

Advanced Materials Research & Development ISAC Research, Inc., Viet Nam



Van Quang Nguyen

Education

- 2007: B.Sc., Department of Physics, Hanoi National University of Education, Vietnam
- 2009: M.S., Department of Physics, Hanoi National University of Education, Vietnam
- 2018: Ph.D., Department of Physics, University of Ulsan, South Korea

Research Fields

- 1. Molecular beam epitaxy (MBE) thin film, superlattice, and single crystal thermoelectric materials
- 2. MBE magnetic thin films and artificial layers
- 3. Process development for ALD, CVD

Expertise

- 1. Single crystal growth using temperature gradient technique
- 2. Molecular beam epitaxy (MBE)
- 3. Atomic Layer Deposition (ALD)
- 4. Chemical Vapor Deposition (CVD).