

나노융복합 전 분야 신임 교원 북미 초빙

미래를 연결하는 융합의 노드,
성균관대학교 SAINT와 함께할
세계 최고 수준의 연구자를 모십니다.

세계 19위

ARWU 나노과학기술분야
(2025년 기준)



최우수 교육연구단
(3단계, 4단계 BK21)

전임교원 18명 중심, 학내 연구그룹 및 산학/국제 협력
네트워크를 통한 기초-응용-사업화 연계



모집 대상 (Interview Consideration)

박사후연구원 및 현직 교원
(Assistant/Associate/Professor 등)

나노융복합 관련 미래 유망분야 우수 연구성과
또는 선도적 연구경력 보유한 연구자

※ 전공/세부 분야 제한 없이 나노융복합 전 분야의 우수 실적 및 성장 잠재력을 폭넓게 검토합니다.



Toronto 현지 인터뷰

2026.05.16 - 05.18

현장 1:1 미팅 (장소 개별 안내)

주요 모집 권역: Chicago / Wisconsin / Indiana /
Michigan 등

(비행 2시간 이내 접근 가능한 지역 중심)



Boston 현지 인터뷰

2026.05.21 - 05.23

현장 1:1 미팅 (장소 개별 안내)

주요 모집 권역: Boston / New York / Pennsylvania /
Philadelphia 등

(비행 2시간 이내 접근 가능한 지역 중심)



1. 제출 서류 (필수)

- 1) CV (PDF)
- 2) 연구 주제 및 성과 소개 PPT
(10장 이내, PDF/PPT)

권장 구성: 연구 키워드(1), 대표 성과(3-4),
핵심 기술/역량(2), 향후 연구 방향(1-2)



2. 접수 방법

이메일 제출 (상시 접수)

이메일 본문 필수 기재:

- | | |
|--------------|-------------|
| 1) 소속/직위 | 2) 연구 키워드 |
| 3) 희망 인터뷰 도시 | 4) 가능 날짜/시간 |



3. 문의 및 제출처

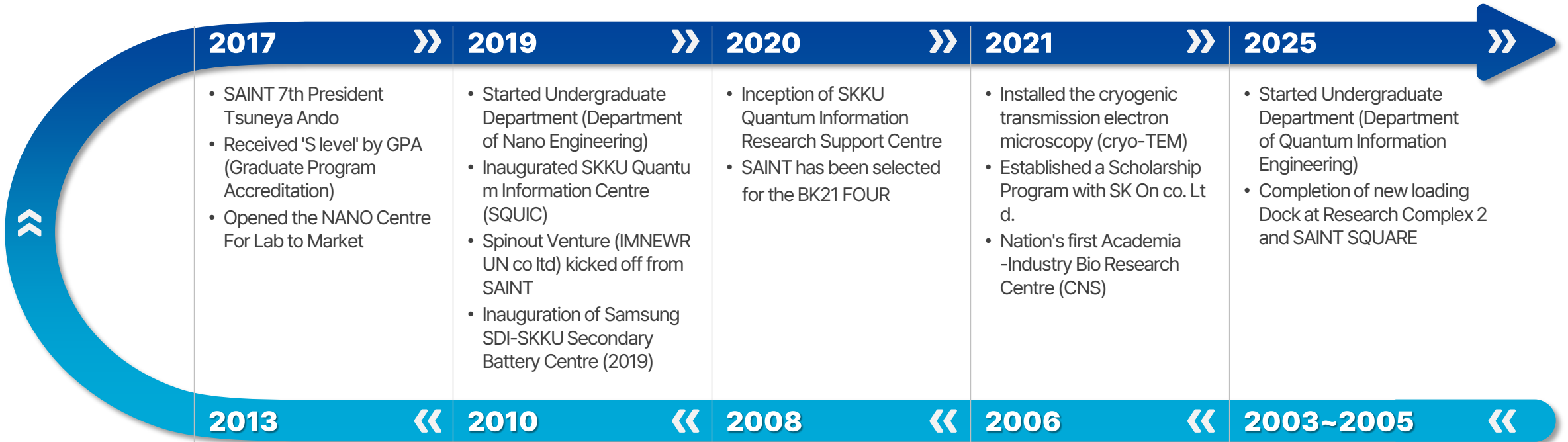
안성필 교수 / 성균관대학교
성균나노과학기술원(SAINT)

E-mail: esan@skku.edu

Gateway to the future

SKKU Advanced Institute of NanoTechnology

<https://saint.skku.edu>



<p>2017 >></p> <ul style="list-style-type: none"> • SAINT 7th President Tsuneya Ando • Received 'S level' by GPA (Graduate Program Accreditation) • Opened the NANO Centre For Lab to Market 	<p>2019 >></p> <ul style="list-style-type: none"> • Started Undergraduate Department (Department of Nano Engineering) • Inaugurated SKKU Quantum Information Centre (SQUIC) • Spinout Venture (IMNEWR UN co ltd) kicked off from SAINT • Inauguration of Samsung SDI-SKKU Secondary Battery Centre (2019) 	<p>2020 >></p> <ul style="list-style-type: none"> • Inception of SKKU Quantum Information Research Support Centre • SAINT has been selected for the BK21 FOUR 	<p>2021 >></p> <ul style="list-style-type: none"> • Installed the cryogenic transmission electron microscopy (cryo-TEM) • Established a Scholarship Program with SK On co. Ltd. • Nation's first Academia-Industry Bio Research Centre (CNS) 	<p>2025 >></p> <ul style="list-style-type: none"> • Started Undergraduate Department (Department of Quantum Information Engineering) • Completion of new loading Dock at Research Complex 2 and SAINT SQUARE
<p>2013 <<</p> <ul style="list-style-type: none"> • Prof Michael Graetzel, inventor of DSSC appointed as the 2nd President • Inauguration of SABIC (Saudi Basic Industries Corporation) Research Centre 	<p>2010 <<</p> <ul style="list-style-type: none"> • Hosted Samsung-SKKU Graphene Centre (SSGC) • SAINT was selected for the Industrial Strategic Technology Development Program 	<p>2008 <<</p> <ul style="list-style-type: none"> • SAINT was selected as National Core Research Centre (NCRC) • SAINT inaugurated Gyeonggi-do Regional Research Centre (GRRC) • SAINT opened SMD OLED Centre 	<p>2006 <<</p> <ul style="list-style-type: none"> • SAINT-Samsung (SAIT) Research Collaboration Agreement • Established Graduate school of Nano science & Technology • Completion of Research Complex 2 	<p>2003~2005 <<</p> <ul style="list-style-type: none"> • Initiated Vision 2010+ : World-top • Nano Technology institute consulted by Bain & Company • SAINT was established founding Director (2005~2012) • Sumio Iijima, discover of CNT



World Top 5 Institute by 2030 in Education, Research & Entrepreneurship
Beyond SKKU's vision Continuously Pushing the Boundaries

Education

Nourish creative global leaders

Foster knowledge-producing base in nanotechnology

Cultivate experts with Interdisciplinary competitiveness

Elite Premier Educational Institution

+

Research

Create close collaboration with international research center

Role as an international nano research-hub

Global Top-tier Research Facility

+

Entrepreneurship

Nourish creative global leaders

Strive for research leadership in nano-related areas

Collaboration with Samsung / Industries

Incubator for Entrepreneurial Innovation



SAINT Strategic Roadmap

Nano Energy

- Nanoscale Material Design
- Defect Engineering
- Solar Cells, Battery, Solar Fuel

Digital Bio

- AI-Protein Design
- Bio-Immune-Engineering
- NanoBio Diagnostics

Semiconductor/Display

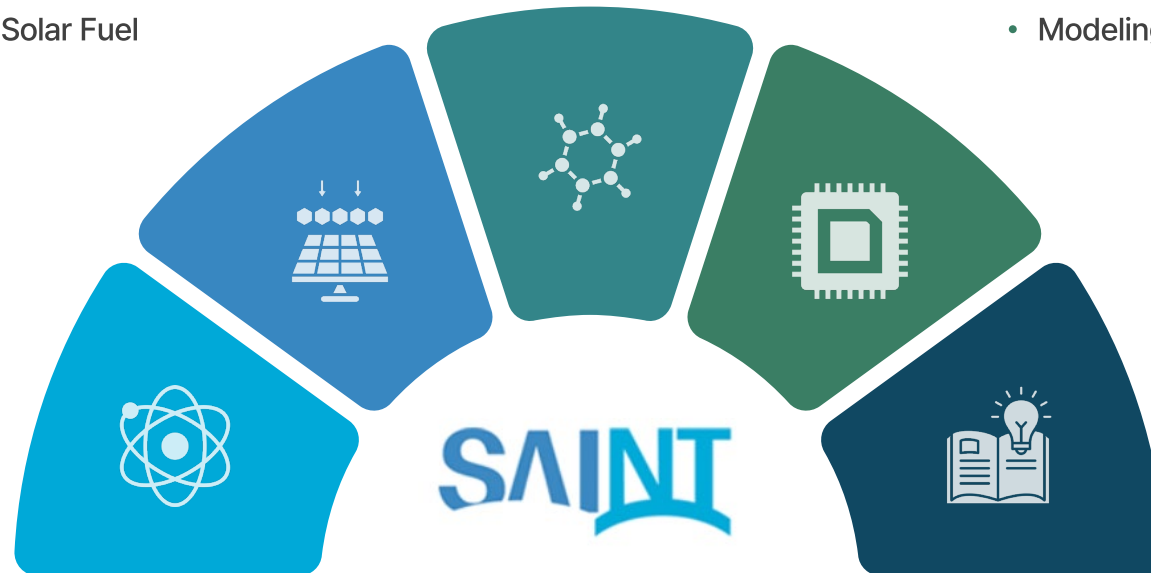
- Quantum Mechanical Effects
- Band Structure Engineering
- Modeling Interface

Quantum Information

- Design Quantum Algorithm for Quantum Advantage
- Characterize and Measure Quantum States
- Analyze Quantum Noise of Quantum Devices

Measurement Analysis & Theoretical Interpretation & Material Support

- Quantum Mechanical Description of Materials and Devices
- First-principles Simulation of Material Properties
- Theoretical Understanding with Many-Body Theory



Full-time Faculty



**LEE,
SUNG JOO**



**SONG,
YOUNG JAE**



**KIM,
YONG HO**



**HWANG,
EUY HEON**



**BAE,
WAN KI**



**KIM,
YOUNG JUN**



**LIM,
YONG TAIK**



**KANG,
BO SEOK**



**HONG,
YOUNG JUN**



**CHOI,
CHUNG SEOK**



**AN,
SEONG PIL**



**KANG,
SEUNG GU**



**JEON,
IL**



**PARK,
JI SANG**



**SHIN,
SEONG SIK**

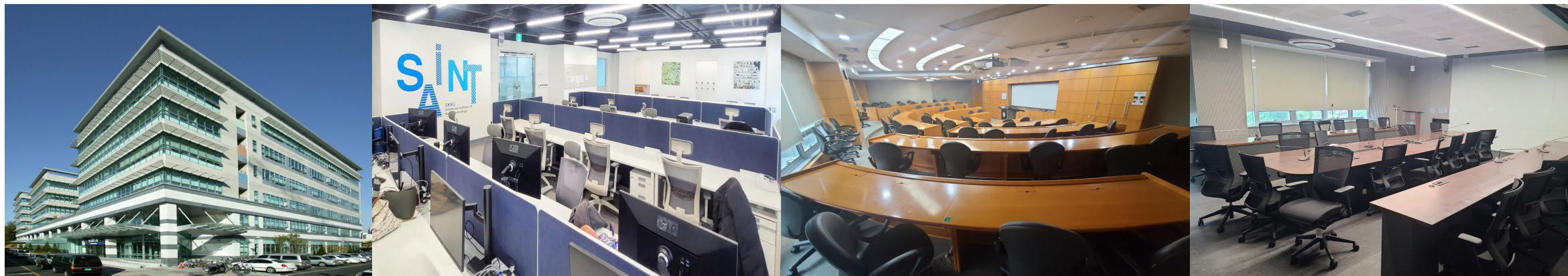


**KWON,
OH SEOK**

Total space 11,700 m²

Lab 7,000 m²

Classroom 500 m²



Cleanroom 170 m²

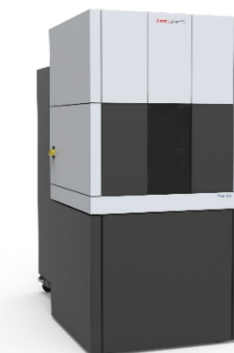
Chemical Synthesis, Device Fabrication, Characterizations



Mask Aligner



Raman



200kV FEG S/TEM



300kV CryoTEM



200kV CryoTEM



CryoFIB-SEM