

IEEE-NANO 2023

Jeju Island, Korea | July 2-5, 2023



2-5 July 2023
Ramada Plaza Hotel Jeju Ocean Front
Jeju, Korea



IEEE-NANO is the flagship conference series of the IEEE Nanotechnology Council (NTC) since 2001, focusing on the promotion of advanced research in the fields of nanoscience and nanotechnology. Recent conferences were held in Palma de Mallorca (Spain, 2022), Montreal (Canada, 2021), Virtual (2020), Macau (China, 2019), Cork (Island, 2018), Pittsburgh (USA, 2017), Sendai (Japan, 2016), Rome (Italy, 2015), Toronto (Canada, 2014), etc.

The 23rd IEEE International Conference on Nanotechnology (IEEE-NANO 2023) will be held from July 2-5, 2023 in Jeju Island, Korea.



Conference Scope:

We invite contributions describing the latest scientific and technological research results in subjects including, but not limited to:

- Nanoelectronics
- Nanophotonics
- Nanofabrications
- Nanopackaging
- Nano-robotics & Manufacturing
- Nanomaterials & Metrology
- Nanosensors & Nano-actuators
- Nano-energy & Environmental Technology
- Nanobiomedicine
- Nano-healthcare
- Nanoscale Communications
- Modeling & Simulation
- Quantum, Neuromorphic & Unconventional Computing
- Spintronics & Nano-magnetics
- Nanoacoustic Devices & Materials
- Emerging Plasma Nanotechnologies



Paper Publications:

Papers presented at IEEE-NANO 2023 will be selected to publish in special issues of peer-reviewed journals:

- IEEE Transactions on Nanotechnology (IF 2.967)
- IEEE Transactions on Nanobioscience (IF 3.206)
- IEEE Open Journal of Nanotechnology (IF expected in 2023)
- Accepted full papers for IEEE-NANO will be submitted for inclusion into IEEE Xplore as well as other Abstracting & Indexing (A&I) databases.

NOTE: Only full papers (4 to 6 pages) submitted by March 15, 2023 will be considered for the inclusion to IEEE Xplore with their acceptances.

Organizing Committee:

- General Chairs:**
Jin-Woo KIM, Univ. of Arkansas, USA
Chang-Ki BAEK, POSTECH, Korea; Sorin COTOFANA, TU Delft, Netherlands
- Program Chairs:**
John T.W. YEOW, Univ. of Waterloo, Canada
Byoung-Don KONG, POSTECH, Korea; Giovanni FINOCCIO, Univ. of Messina, Italy
- Special Invited Session Chairs:**
Lixin DONG, City Univ. of Hong Kong; Xiaoning JIANG, North Carolina State Univ., USA
Valentyn NOVOSAD, Argonne Nat'l Lab, USA; Georgio SIRAKOULIS, D.U. of Thrace, Greece
- Publicity Chairs:**
Wen J. LI, City Univ. of Hong Kong; Inkyu PARK, KAIST, Korea
Montserrat RIVAS, Univ. of Oviedo, Spain; Sun YU, Univ. of Toronto, Canada
- Award Committee Chairs:**
Da-Jeng YAO, Nat'l Tsing Hua Univ., Taiwan; Kremena MAKASHEVA, LAPLACE, France
- Publication Chair:** Zhidong WANG, Chiba Inst. of Technology, Japan
- Organizing Chair:** Moonjoo LEE, POSTECH, Korea



More Information:

Visit the IEEE-NANO 2023 website at <http://2023.ieeenano.org>