



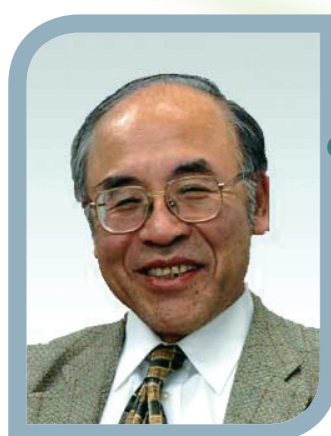
제3회 DGIST 종합 국제 학술대회

The 3rd **DGIST** Global Innovation Festival

2014. **11. 20** (THU) – **21** (FRI), **DGIST**

<http://dgif.dgist.ac.kr>

Plenary Speeches



Hidenori Kimura

Professor
Center for Research &
Development Strategy(CRDS)/
RIKEN
Japan

**System Science and Technology :
New Trends and Its Promotion in Japan**



Barbara Mazzolai

Professor and Center
Coordinator
Istituto Italiano di Tecnologia
Italy

**Innovation Inspired by Nature : Learning
from the Plant Kingdom to Invent Smart
Artificial Solutions**



Jong Min Kim

Professor
Univ. of Oxford
UK

**Future Nanotechnologies for the
Ambient Living Applications**



Sungho Jin

Professor
UC San Diego
USA

**New Energy Materials Research
and Applications**

Parallel Sessions



Bio-Inspired Materials

Benjamin Yellen / Duke Univ., USA
Edward I. Solomon / Stanford Univ., USA
Bong Hyun Chung / Korea Research Institute of
Bioscience and Biotechnology
Hae Shin Lee / KAIST
Jaeheung Cho / DGIST



Resilient Cyber-Physical Systems

Karl H. Johansson / KTH Royal Institute of
Technology, Sweden
Bruno Sinopoli / Carnegie Mellon Univ., USA
Dong Eui Chang / Univ. of Waterloo, Canada
Hyungbo Shim / Seoul National Univ.
Yongsoon Eun / DGIST



Microrobots for Biomedical Applications

Antoine Ferreira / INSA Centre Val de Loire
Laboratoire PRISME, France
Yu Sun / Univ. of Toronto, Canada
Metin Sitti / Carnegie Mellon Univ., USA/
Max Planck Institute, Germany
Bradley Nelson / ETH Zurich, Switzerland / DGIST
Hongsoo Choi / DGIST



Green Energy

Eric D. Wachsman / Univ. of Maryland, USA
Arumugam Manthiram / The Univ. of Texas at
Austin, USA
Haewon Lee / KETEP, KIST
Kisuk Kang / Seoul National Univ.
Seung-Tae Hong / DGIST



Brain Mapping and Systems Neuroscience

Takeshi Imai / RIKEN, Japan
Brian A. MacVicar / Univ. of British Columbia,
Canada
Jong Cheol Rah / Korea Brain Research Institute
Chang Joon Lee / KIST
Yong-Seok Oh / DGIST



Toward New Biology

David Peter Jackson / Cold Spring Harbor
Laboratory, USA
Thomas P. Brutnell / Danforth Plant Science
Center, USA
Charles D. Surh / Institute for Basic Science(IBS),
POSTECH
Myeong Hee Yu / KIST
Daehee Hwang / DGIST



Industrial Applications

Aldo Tempesti / TexClubTec, Italy
Chi Bong Kim / Kolmar Bnh Co.
Seungwan Lee / Seoul Propolis Co.
Young-Wan Jung / Dongwon Olev Co.
Seung Ho Oh / GreenMobility Co.



Science and Engineering in Life (Undergraduate Program)

Dennis Hong / UCLA, USA
Hwe Ik Zhang / Seoul National Univ.
Dayk Jang / Seoul National Univ.
MooYoung Choi / Seoul National Univ.

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Address : 대구광역시 달성군 현풍면 테크노중앙대로 333 Tel : 053.746.9967 Fax : 053.742.9007 E-mail : dgif@dgist.ac.kr