

Speaker Profile



Contact Details

Organization

Name:
Kumoh National
Institute of
Technology

Address:
1 Yangho-dong,
Gumi-si,
Gyeongbuk, 730-
701, Korea

Phone:
+82-54-478-7323

Fax:
+82-54-478-7319

Email:
ocs@kumoh.ac.kr

Website:
[http://knut.kumoh.
ac.kr/~csoh](http://knut.kumoh.ac.kr/~csoh)

Name : Oh, Chung-Seog

Title : Associate Professor

Institute : Kumoh National Institute of Technology

Education

- 1988: Yonsei University (B. Eng.)
- 1990: KAIST (M. Eng.)
- 1996: KAIST (D. Eng.)

Personal Experience

- 1996~1998: Senior Researcher
Samsung Motors' Technical Centre
- 1999~ : School of Mechanical Engineering
Kumoh National Institute of Technology
- 2002 : Visiting Professor at the
The Johns Hopkins University

Fields of Study

- Mechanical properties of micro- and nano-sized structures
- MEMS design
- Reliability of MEMS and NEMS
- Mechanical characterization of polymeric materials used for the nanoimprinting lithography
- Development of an actuator for a miniature specimen
- Experimental stress analysis

Major Skills

- Laser interferometric in-plane displacement measurement
- Thin film mechanical testing: tensile, fatigue, CTE, creep

Research Labs.

- MNTL (Micro & Nano Testing Lab)
- AMTL (Automotive Materials Testing Lab)

Collaborations

- CNMM (Center for Nanoscale Mechatronics & Manufacturing),
KIMM (Korea Institute of Machinery and Materials)