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## **GC 2012-5657: CURRENT STATUS OF ENGINEERING ETHICS EDUCATION IN KOREA**

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Dong Joo Song is currently President of Korea Engineering Education Research Center, an Affiliate of Accreditation Board for Engineering Education of Korea.

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He has been a member of board of directors of Korea Society of Engineering Education since 2000. He is a chair of engineering ethics education committee in KSEE. He had served as Chairman of Engineering Education Committee of Korea Society of Mechanical Engineers for three years. Currently he is an advisor of Engineering Education Division of Korea Society of Mechanical Engineers.

He has been Head and member of ABEEK evaluation teams for various universities in Korea since 2003. He has been session chairman, moderator, facilitator and keynote speaker of various engineering education (including engineering design) workshops, conferences and etc. Also he served as an organizer of KSEE engineering ethics education workshop held in August 2010.

Dong Joo Song received a B.S. in Aeronautical and Astronautical Engineering from Seoul National University, M.S. and PhD in Aerospace Engineering from Virginia Tech in USA.

## **Current Status of Engineering Ethics Education in Korea**

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Key words: Engineering Ethics Education, Accreditation, Outcomes

Current status and trend in engineering Ethics Education in Korea are surveyed and studied.

There was a first engineering ethics workshop held in Korea in August 2010. About 35 Professors and researchers gathered together and discussed intensively about effective engineering ethics education for the first time. The results from survey of participants will be discussed. Also current status of engineering ethics education in Korea is to be presented in the paper. Various courses handling ethical issues in many universities are to be discussed. And international cooperation between JSEE and KSEE on engineering ethics education will be discussed. It is only a beginning in Korea, however, due to ABEEK accreditation, i.e., ethics outcome and due to societal needs to educate engineering students with responsible, critical and reflective ethical thinking capability, engineering ethics education will be emphasized greatly in Korea and further various action including government financial support will be developed to improve current education system.