IEEE SENSORS 2005
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BEST STUDENT PAPER COMPETITION

The IEEE Sensors 2005 Conference announces the Best Student Paper Competition to recognize excellence among its student participants. A Best Student Paper Award sponsored by SAMSUNG will be presented at this year conference in Irvine, California, USA.

Ten finalists will be selected by the Technical Program Committee to make oral presentations on Tuesday night, November 1st, 2005 at the IEEE Sensors 2005 Conference. The First, Second, and Third Place winners will be announced and the Best Student Paper Awards are to be presented at the conference banquet on November 2nd. All finalists will receive an award certificate. The winners will also receive a plaque and a $1,000 cash prize.

To be considered for the competition, the lead student author must check the "Best Student Paper Competition" box on paper submission form when submitting electronically the paper at the IEEE Sensors 2005 on-line submission system, http://www.epapers.org/sensors2005. The paper must be submitted via on-line submission system no later than April 15th. The lead author of a *Student Paper* **must** have been a student (at least half-time) at the time the described research was completed and **must** have been the major contributor to both the written paper and to the research described in the paper. To qualify for the contest, the student **must** be the presenter of the paper.

Point of Contact for the Competition: Ms. Barbara Wehner, bwehner@epapers.org

Past Winners of the IEEE Sensors Conference Best Student Paper Competition are

IEEE Sensors 2004, Vienna, Austria

1st Prize. Robert Sunier, ETH Zurich, Switzerland
Paper Title: "Precise Release and Insulation Technology for Vertical Hall Sensors and Trench-Defined MEMS"

2nd /3rd Prize. Jean Laconte,   Université Catholique de Louvain, Belgium
Paper Title: "Fully CMOS-SOI Compatible Low-Power Directional Flow Sensor"

2nd /3rd Prize. Gail Rosen, Georgia Institute of Technology, USA
Paper Title: "Circuit Implementation of a 2-d Gradient Source Localizer"

IEEE Sensors 2003, Toronto, Canada

1st Prize. Quincy Brown, Lousiana State University, USA
Paper Title: "Internally-Referenced Chemical Transducers using Molecular Probes Assembled on Fluorescent Nanoparticles"

2nd Prize. Julian Bartholomeyczik, IMTEK-Freiburg, Germany
Paper Title: "Multidimensional CMOS In-Plane Stress Sensor"

3rd Prize. Jean Laconte, Université Catholique de Louvain, Belgium
Paper Title: "High-Sensitivity Capacitive Humidity Sensor Using 3-Layer Patterned Polyimide Sensing Film"

IEEE Sensors 2002, Orlando, U.S.A.

1st Prize. Jeroen Nieuwenhuizen, Vienna University of Technology, Austria
Paper Title: "Dynamic particle-shape measurements using a near-field optical sensor"

2nd Prize. Ryutaro Oi, University of Tokyo, Japan
Paper Title: "Pixel based random access image sensor array for real-time IBR"

3rd Prize. Chris Painter, UC Irvine, USA
Paper Title: "Active Structural Error Suppression in MEMS Vibratory Gyroscopes"