

SAMSUNG  
ELECTRO-MECHANICS



## Best Student Paper Awards

- Winner

Presented to : Jason Shih

Paper Title : "Microfabricated Platform for Nanoscale Flow Sensing and Control"

- Runner-Up

Presented to : Tomomichi Nakatsuka

Paper Title : "Robotic System for Localizing a Chemical Source Underwater by Mimicking Crayfish Behavior"

- Runner-Up

Presented to : Maximillian Perez

Paper Title : "Performance Trade-Offs of an Interferometric Micro-G Resolution Accelerometer"



## Best Poster Presentation Awards

- Winner

Paper Title : "Flexible Glucose Sensor Using Biocompatible Polymers"

Authors : H. Kudo, T. Sawada, M. X. Chu, T. Saito, K. Otsuka, Y. Iwasaki, and K. Mitsubayashi

- Winner

Paper Title : "Sensitive and Selective Photo Acoustic Gas Sensor Suitable for High Volume Manufacturing"

Authors : K. Schjolberg-Henriksen, A. Ferber, O. Schulz, S. Moe, D. T. Wang, M. Lloyd, K.-H. Suphan, R. W. Bernstein, H. Rogne, and G. Mu

- Runner-Up

Paper Title : "Integrated CMOS-Based Sensor Array for Mechanical Stress Mapping"

Authors : P. Ruther, J. Bartholomeyczik, S. Kibbel, T. Schelb, and O. Paul

- Runner-Up

Paper Title : "A Palm-Sized Gas-Chromatographic System for Sub-ppb VOC Detection in Air Quality Monitoring Applications"

Authors : S. Zampolli, I. Elmi, G. C. Cardinali, L. Masini, A. Zani, M. Severi, P. Betti, and E. Dalcanale

