Georgia Tech IEN Institute for Electronics and Nanotechnology

DELIVERING BREAKTHROUGH IDEAS TO INDUSTRY

CMMT Director
Prof. Farrokh Ayazi

Center for MEMS and Microsystems Technologies (CMMT) & Packaging Research Center (PRC) of Georgia Tech

invite you to attend

MEMS PACKAGING CONSORTIUM OPEN HOUSE

Monday, May 20, 2013 - MaRC Building Auditorium

1:00 p.m. - 6:30 p.m.

PRC Director
Prof. Rao Tummala

MEMS PACKAGING

Two internationally-renowned research centers at Georgia Tech, **the Center for MEMS and Microsystems Technologies (CMMT) and the Packaging Research Center (PRC)** will host a joint industry consortium Open House in leading-edge MEMS Packaging R&D to address some of the biggest challenges in the Packaging of MEMS in consumer, medical and industrial applications.

The GT MEMS Packaging research focuses to bring synergy between MEMS devices and their package by means of understanding MEMS-Package Interactions (MPI) and focusing on MEMS-Package Integration (MPI) using low stress, low temperature sealing, interconnections, and assembly to improve performance, cost and reliability over current MEMS packaging approaches.

Register Here

Open House Agenda

1:00 PM **Gathering in MaRC Building Auditorium**

1:00 - 1:15 PM Vision and Strategy for MEMS Packaging Consortium at GA Tech: MPI – *Prof. Farrokh Ayazi & Prof. Rao Tummala*

1:15 - 1:30 PM PRC Overview – *Prof. Rao Tummala*

1:30 - 2:00 PM CMMT Overview – *Prof. Farrokh Ayazi*

2:10 - 4:00 PM **MEMS Package Integration (MPI)**

MEMS Package Integration(MPI) Vision – *Prof. Farrokh Ayazi*

Low Cost Glass for MPI – *Dr. Venky Sundaram*

MEMS Package Interactions

Multi Domain Interactions between MEMS and Package – *Prof. Farrokh Ayazi*

Interconnections and sealing – *Dr. Vanessa Smet*

Modeling & Characterization – *Prof. Farrokh Ayazi*

Consortium Model

Cost of Membership, IP and Technology Transfer – *Mr. Sung Jin Kim*

4:00 - 5:00 PM **Lab Tours**

PRC (MaRC Building)

NRC (Marcus Building)

MIRC (Pettit Building)

5:00 - 6:30 PM **Reception in MaRC Building Atrium**

Faculty and inter-disciplinary experts from both centers work collaboratively with industry to improve the design, function and manufacturability of MEMS Packaging. **Questions about the MEMS Packaging Joint Consortium?** Contact Prof. Farrokh Ayazi at ayazi@gatech.edu or Prof. Rao Tummala at rao.tummala@prc.gatech.edu

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