

IEEE, CPMT, IMAPS, iNEMI and SEMI Global Interposer Technology (GIT) 2011 Workshop

November 14-15, 2011 • Georgia Tech • Atlanta GA • USA

TECHNICAL COMMITTEES

General Chairs

Rao Tummala
GEORGIA TECH

Phil Garrou
MCNC

Electrical Design

Suresh Ramalingham
XILINX

Madhavan Swaminathan
GEORGIA TECH

Mechanical Design

Rajiv Dunne
TEXAS INSTRUMENTS

Suresh Sitaraman
GEORGIA TECH

Silicon Interposers

Masato Tanaka
SHINKO

Nagesh Vodrahalli
ALTERA

Glass Interposers

Kenji Kitaoka
ASAHI GLASS

Venky Sundaram
GEORGIA TECH

Chip Level Interconnections

Ron Huemoeller
AMKOR TECHNOLOGY

NiteshKumbhat
GEORGIA TECH

Board Level Interconnections

Steve Bezuk
CDMA TECHNOLOGIES

William Chen
ASE

Applications and Markets

Christian Nopper
STMICROELECTRONICS

Jerome Baron
YOLE

Manufacturing Infrastructure

Thorsten Mattius
EV GROUP

Tom Salmon
SEMI

Student Poster Session

Saumya Gandhi
GEORGIA TECH

Vijay Sukumaran
GEORGIA TECH

GIT 2011 OVERVIEW

The GIT 2011 Workshop is intended to compare and contrast the wide variety of interposer approaches being developed as well as promote and disseminate revolutionary and evolutionary advances in emerging silicon, glass and other interposer technologies, by bringing together academic and industry researchers, technology developers, users and manufacturers from around the world. Such a technology is seen as not only for packaging of ICs and 3D ICs but also act as a better alternative to 3D ICs with TSV, and eventually providing a path for entire systems.

The first of its kind, the GIT 2011 Workshop will bring together industry experts, global academic researchers, and student leaders to share leading-edge interposer technology research, development, applications, markets and manufacturing infrastructure. It is a must-attend event for those highly interested in interposer technology advances for the future.

Technical Sessions on Interposer Technology will feature technical leaders in the following topics:

1. Electrical Design
2. Mechanical Design
3. Silicon Interposers
4. Glass Interposers
5. Chip Level Interconnections
6. Board Level Interconnections
7. Applications and Markets
8. Manufacturing Infrastructure

SPONSORS



KEYNOTE SPEAKERS



Subramanian Iyer
IBM Fellow,
Chief Scientist
IBM



Jerome Baron
Market & Technology
Analyst
YOLE



Rao R. Tummala
Director, Packaging
Research Center
GEORGIA TECH

REGISTRATION

Workshop Registration includes access to all technical sessions and includes all meals.

Registration Fees – EARLY Registration ends October 15, 2011. *Register early – space is limited.*

Sponsoring Society Non-Member \$400

Committee, Advisor or Speaker \$250

Sponsoring Society Member \$300

Student \$100

www.prc.gatech.edu/git2011/registration.html

CALL FOR PAPERS – TITLES for PRESENTATIONS AND POSTERS

Submit TITLE for Technical Sessions listed above.

- Oral presentations will be made by Industry, Academic, and Research Faculty
- Posters will be presented by Students

Deadline for TITLE submission is October 2, 2011. Notification of acceptance by **October 15, 2011.**

www.prc.gatech.edu/git2011/papers.html

HOTEL ACCOMMODATIONS

Discount GIT 2011 Hotel Rates:

Georgia Tech Hotel and Conference Center – US\$125

Marriott Renaissance Atlanta Midtown – US\$144

Register early – space is limited.

www.prc.gatech.edu/git2011/travel.html

INDUSTRY AND ACADEMIC ADVISORS

Altera - Tarun Verma
Amkor - Robert Darveaux
DNP - Atsushi Takano
Dow - Leo Linehan
Flextronics - Dongkai Shangquan
Ibiden - Takashi Kariya
IBM - Subramanian Iyer
Intel - Bob Sankman
Nvidia - Joe Grecco
Renesas - Hirofumi Nakajima

Qualcomm - Matt Nowak
Samsung - Tae Je Cho
Shinko - Masato Tanaka
TSMC - Douglas Yu
Unimicron - Eric Lao
Xilinx - Suresh Ramalingham
Yole - Jeff Perkins
Univ. of Arkansas - Simon Ang
City U Hong Kong - YC Chan
Georgia Tech - Muhannad Bakir

Georgia Tech - Paul Kohl
Georgia Tech - Sung-Kyu Lim
Georgia Tech - Madhavan Swaminathan
HKUST - Ricky Lee
IIT Bombay - Ramgopal Rao
IZM Fraunhofer - Rolf Aschenbrenner
Univ. of Maryland - Michael Pecht
RPI - James Lu
SUNY Binghamton - Bahgat Sammakia
Univ. of Tokyo - Tadatomu Suga
TU Dresden - Klaus-Juergen Wolter

www.prc.gatech.edu/git2011