



**2008**

**Welcome**



**March 9 - 12, 2008  
Hilton Phoenix East / Mesa Hotel  
Mesa, Arizona**

**WELCOME**



**Welcome**

**to the**

**9th Annual BiTS Workshop**

**The World's Premier Workshop Dedicated To  
Socketing And Related Fields**

**BiTS** 2008  
Burn-in & Test Socket Workshop

**Workshop Overview**



**I'm a BiTS cell phone offender**

**I'm a BiTS cell phone offender!**

**(Please Silence Cell Phones & Beepers)**

**BiTS** 2008  
Burn-in & Test Socket Workshop

**Workshop Overview**

**Welcome to the 9th Annual BiTS Workshop**

**The World's Premier Workshop Dedicated To  
Socketing And Related Fields**

- **Comprehensive Program**
  - ✓ **Technical Program**
    - Tutorials
    - Keynote and Invited Speakers
    - Papers & Posters
  - ✓ **BiTS EXPO – 59 Exhibitors**
  - ✓ **Networking Opportunities**
    - Social Program



## Workshop Overview

### Welcome to the 9th Annual BiTS Workshop

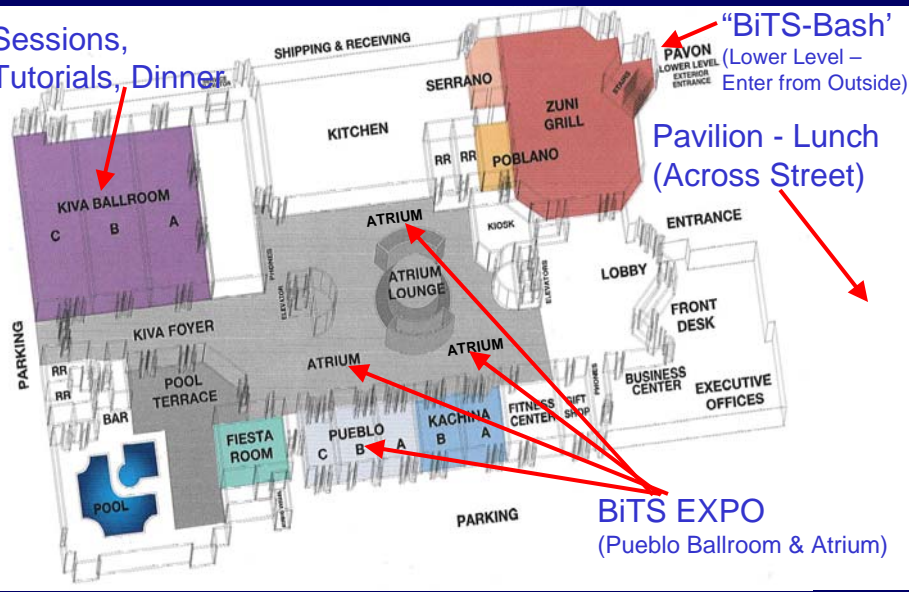
- Informal and Casual Throughout All Sessions and Activities
- Feedback & Suggestions are Encouraged
- BiTS is Pleased to be at the Hilton Phoenix East / Mesa Hotel

**ANNOUNCING**  
BiTS 2009  
March 8 - 11, 2009  
at the Hilton



## Hotel Facilities

Sessions,  
Tutorials, Dinner






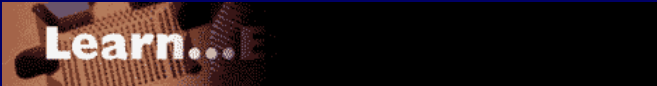
## Workshop Overview

- **Attendee Registration Includes**
  - **Technical Program**
    - ✓ + Tutorial(s) (\*)
  - **Meals & Social Program**
  - **BiTS EXPO**
  - **Registration Package**
    - ✓ **Badge**
    - ✓ **Hardcopy Proceedings**
    - ✓ **Workshop Guide & Exhibitor Directory**
    - ✓ **Souvenir Portfolio & Bag**
    - ✓ **Tutorial Materials (\*)** (\*) w. addl. registration
    - ✓ **Wireless Access: User Name: HPM-5857; P/W: 349561**





## Workshop Overview



**Learn** - from a technical program that includes the presentation of 26 papers, 9 posters, 2 tutorials and renowned speakers delivering the Invited and Keynote addresses

**Explore** - the latest products and services from 59 companies at the BiTS EXPO

**Share** - ideas with colleagues from around the world at numerous networking events



## Technical Program

Learn...

- **BiTS Tutorials**

- **“Basic Chip Reliability Concepts (Product RE “101”)”**
  - ✓ Ann Swift – IBM Microelectronics
- **“Intellectual Property: What Is It and What Do I Do With It?”**
  - ✓ Ira Blecker – Law Offices of Ira D. Blecker



## Technical Program

Learn...

- **Invited Speaker**

**“Catching the Mobile Wave: Packaging is Going 3D”**

**Dr. Belgacem Haba**  
**Fellow and CTO of Advanced Packaging and Interconnect**  
**Tessera Inc.**

**Technical Program****Learn...**

- **Keynote Speaker**

- **Dr. Karl J. Johnson**

- Vice President/Senior Fellow

- Advanced Packaging Systems Integration Laboratory**  
**Freescale Semiconductor Inc.**

- “Packaging & Assembly in Pursuit of  
Moore’s Law and Beyond”**

**Technical Program****Learn...****8 Technical Sessions**

- **Fine Pitch PCB Challenges**
- **Clean Up Your (Socket) Act**
- **Sockets: On the Floor, In the Lab**
- **Thermal Issues - A Better Understanding**
- **Innovative Contact Techniques**
- **Hot Topics: From Evaluation to Practice**
- **Key Challenges and Technology Trends in Socket Design**
- **High Frequency Developments**

**2 Poster Sessions**



## BITS EXPO

...Explore...

Sold Out!

- **60 Companies Exhibiting**
  - Description & Contact Info in the Exhibitor Directory
  - Company List in the Proceedings
  - More Info: Link from BITS Website
- **Pueblo Ballroom & Atrium**
- **EXPO Schedule:**

<b>MONDAY</b>	<b>TUESDAY</b>
<b>6:00PM – 9:30PM</b>	<b>4:00PM – 6:30PM</b>



## BITS EXPO - Exhibitors

...Explore...

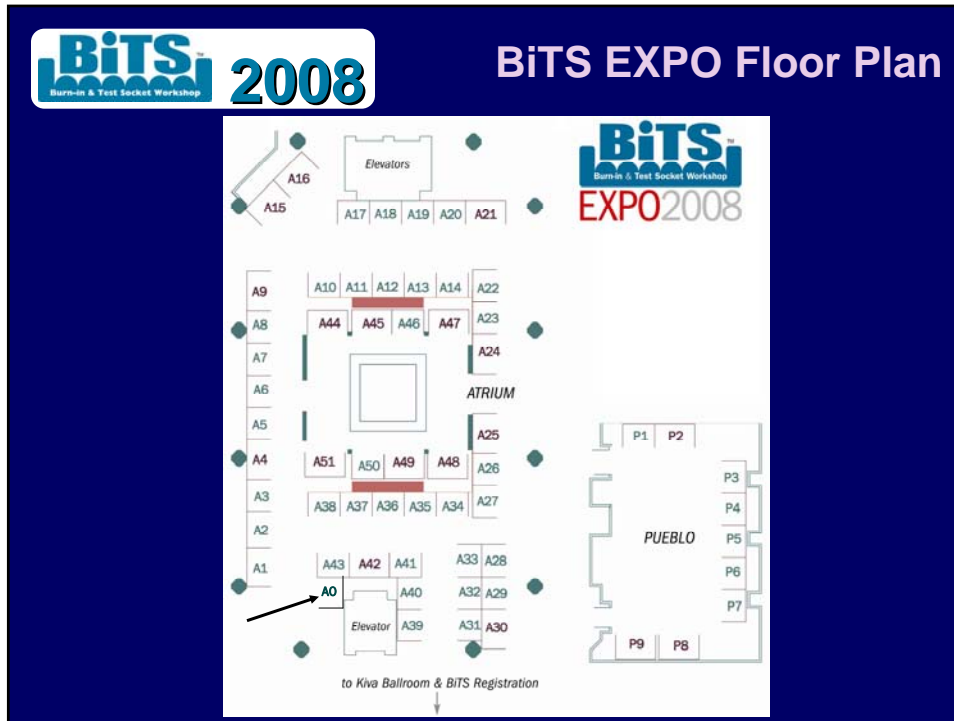
### Pueblo

P1 RJJ Technical Sales	P4 CMR Summit Technologies	P7 RD Chemical Company
P2 Motion Dynamics	P5 Inspiraz Technology	P8 inTEST Silicon Valley Corp.
P3 Enplas Tesco, Inc.	P6 RS Tech, Inc.	P9 Synergetix

### Atrium

A0 Professional Plastics	A17 Custom Cutting Technologies	A34 Antares Adv. Test Tech.
A1 Anestel	A18 Altanova, Inc.	A35 Antares Adv. Test Tech.
A2 Adv. Packaging & Conn. Spec.	A19 NHK Spring Co., Ltd.	A36 Ardent Concepts
A3 E-tec Interconnect, Ltd.	A20 Hon Hai Precision (Foxconn)	A37 Dupont
A4 Marcel Electronics Int'l.	A21 Paricon Technologies Corp.	A38 Abrel Products Limited
A5 Micro Contact Solution	A22 Rika Denshi America, Inc.	A39 Brush Wellman, Inc.
A6 Micro Control Company	A23 Electroworld	A40 Air Products
A7 ProFab Technology	A24 Yamaichi Electronics USA	A41 Dynamic Test Solutions
A8 Emulation Technology	A25 INCAL Technology, Inc.	A42 Qualmax, Inc.
A9 R&D Circuits	A26 Piper Plastics, Inc.	A43 Indium Corporation
A10 Johnstech Int'l Corp.	A27 Micronics Japan Co., Ltd.	A44 Cascade Microtech
A11 PPI -Time Zero, Inc	A28 Azimuth Electronics, Inc.	A45 Ensinger, Inc.
A12 Yokowo America Corp.	A29 Aehr Test Systems	A46 Phoenix Test Arrays, LLC
A13 Pycon	A30 Aries Electronics, Inc.	A47 Sensata Technologies, Inc.
A14 Protos Electronics	A31 E. Jordan Brookes Co., Inc.	A48 Plastronics Socket Co.
A15 Evans Analytical Group	A32 Nikon Instruments, Inc.	A49 Everett Charles Tech.
A16 Taconic	A33 Boedeker Plastics, Inc.	A50 EDA North America
		A51 Exatron

Corporate Supporter



...Share

### Meet and Chat With Someone You Don't Know

- **Many Opportunities to Network, Share & Discuss**
  - **Meals & Receptions**
  - **Morning and Afternoon Breaks**
  - **Poster Sessions on Monday & Tuesday**
  - **Tuesday Evening Social Event: "BITS-Bash"**
    - ✓ **A Party With Karaoke, Casino, Reception & Hors d'ouvres** your 'skills' could win a prize
  - **BITS EXPO**
    - ✓ **Social Activities In Conjunction With the Exhibits**





## Recognition

- **Evaluation / Comments Forms**

- Forms are in the Proceedings

- ✓ After Each Session

- ✓ Overall Workshop

- **Award Plaques**

- Best Data Presented

- Most Inspirational Paper

- Best Presentation, Tutorial in Nature

- Best Presentation / Paper

**BITS Award Archive is in the Proceedings**



## Recognition

**AND.....a Special Award.....**

***Now "Semi-Retired"***



**Special Award**

for the


**Least Concealed Sales Pitch**



*The*

*(Almost) Brilliant Disguise*


*Award*



**BITS Website**

**Your Complete Source For Information About BITS**

<http://www.bitsworkshop.org>



**BiTS Website****Your Complete Source For Information About BiTS**<http://www.bitsworkshop.org>**\*\* Current Workshop \*\***

- **Call For Papers**
- **EXPO**
- **Advance/Final Program**
- **Registration Information & Forms; Register On-line**
- **Author Information**
- **Hotel Information/Travel**

**\*\* Features \*\***

- **Committee Members**
- **Contact BiTS - Add to Mailing List & Inquiries**
- **Links to Other Websites**
- **'Press' About BiTS**
- **Search BiTS Feature**

**\*\* Prior Workshops \*\*****BiTS Archive: Papers, Authors, Attendees****BiTS Website****Your Complete Source For Information About BiTS**<http://www.bitsworkshop.org>**Coming Soon****BiTS 2008 Archive (April/May 2008)****BiTS 2009 Call For Presentations (~August 2008)****Introducing: BiTS-Careers****Technology Jobs in Test, Assembly & Packaging**



## BiTS “In-the-News”

### Advanced Packaging & Connector Specifier

- Exclusive BiTS Media Sponsor
- BiTS Exhibitor

#### Final Test Report

- ✓ The latest news from around the test industry

#### Fleck Research

- ✓ Socket Reports



## Opportunities

### Explore Interest in a ‘BiTS Consortium’

- Pre-competitive Activities
  - ✓ e.g. Benchmarking, Best Practices, COO Models, Roadmaps, etc.
- Potential Members
  - ✓ Initially: Socket Supplier Community
  - ✓ Future: Consider Expanding
- Membership
  - ✓ Fee Based
  - ✓ Assign Representative
  - ✓ Support Participation Activities

See Me if This is of Interest to Your Company



## COMMITTEE

### PROGRAM

**Steve Hamren, Chair**  
Micron

**Rafiq Hussain**  
Advanced Micro Devices

**Morten Jensen**  
Intel

**Marc Knox**  
IBM Systems & Tech. Group

**Joachim Moerbt**  
Advantest-Europe

**Mike Noel**  
Freescale

**John Moore**  
Texas Instruments

### LOCAL ARRANGEMENTS

**Valts Treiberigs, Chair**  
Everett Charles Technologies

**Kena Pegram**  
Anestel Corporation

**Owen Prillaman**  
Yamaichi Electronics

### PUBLICITY & PUBLICATIONS

**Mark Murdza, Chair**  
Cascade Microtech

### REGISTRATION

**Paul Boyce, Chair**  
Advantage Specialist