



March 8 - 11, 2009
Hilton Phoenix East / Mesa Hotel
Mesa, Arizona

WELCOME



Welcome
to the



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

BiTS 2009
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 2009
Burn-in & Test Socket Workshop

Workshop Overview

Welcome to the 10th Annual BiTS Workshop

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

- **Comprehensive Program**
 - ✓ **Technical Program**
 - Tutorials
 - Keynote, Distinguished and Invited Speakers
 - Papers & Posters
 - ✓ **BiTS EXPO – 45 Exhibitors**
 - ✓ **Networking Opportunities**
 - Social Program



Workshop Overview

Welcome to the 10th Annual BiTS Workshop

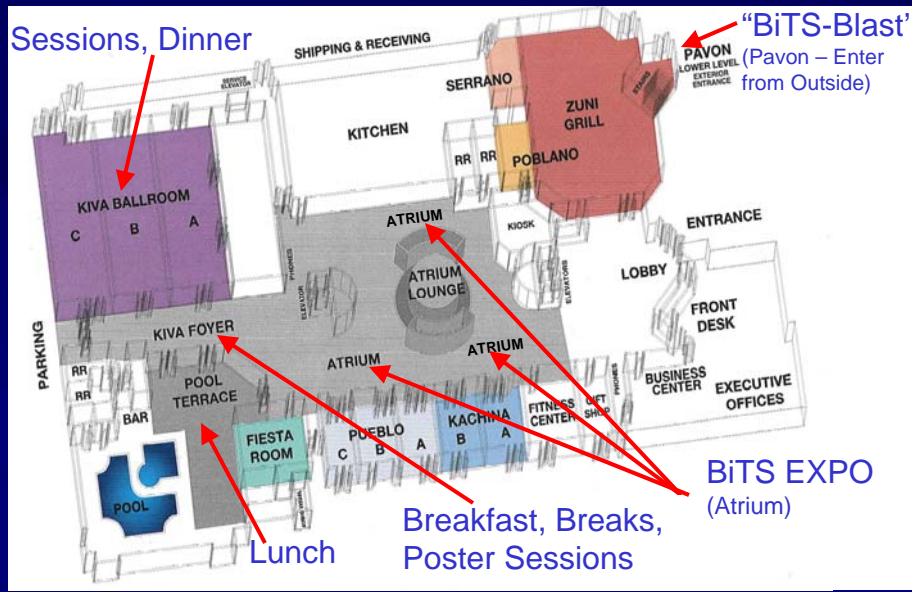
- Informal and Casual Throughout All Sessions and Activities
- Feedback & Suggestions are Encouraged
- BiTS is Pleased to be at the Hilton Phoenix East / Mesa Hotel

ANNOUNCING

BiTS 2010
March 7 - 10, 2010
at the Hilton



Hotel Facilities





Workshop Overview

- **Attendee Registration Includes**
 - **Technical Program**
 - ✓ + Tutorial(s) (*)
 - **Meals & Social Program**
 - **BiTS EXPO**
 - **Registration Package**
 - ✓ **Badge**
 - ✓ **Hardcopy Proceedings**
 - ✓ **Workshop Guide & Exhibitor Directory**
 - ✓ **Souvenir Briefcase & Bag**
 - ✓ **Tutorial Materials (*)**
 - ✓ **Wireless Access**




(*) w. addl. registration



Workshop Overview

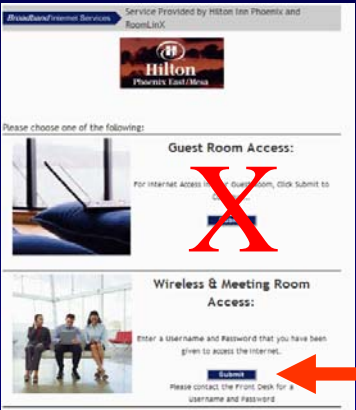
Wireless Access

1



USERNAME: PHX-10

2



PASSWORD: 590689

Technical Support: 1-866-765-9009



Workshop Overview



Learn...

Learn - from a technical program that includes the presentation of 25 papers, 7 posters, 2 tutorials and renowned speakers delivering the Invited (2), Distinguished and Keynote addresses

Explore - the latest products and services from 45 companies at the BiTS EXPO

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



Technical Program



Learn...

- **BiTS Tutorials**

- **“Sockets 101: A Broad and Deep Survey of Test Interconnect Solutions”**
 - ✓ Jon Diller — Interconnect Devices, Inc.
- **“What’s That Thing Under My Socket?”**
 - ✓ Tom Bresnan — R&D Circuits



Technical Program

Learn...

- **Invited Speakers**

“BITS and Pieces—Past, Present, and Future”

Dr. James Forster
Chief Technical Officer
Antares Advanced Test Technologies

“Opportunity or Disaster—What You Need to do for the Next 10 Years”

David Pfaff
President
Plastronics Socket Company



Technical Program

Learn...

- **Distinguished Speaker**

➤ **Navid Shahriari**

– Director of Sort Test Technology Development
Intel Corporation

“Breaking Traditional Boundaries — OUR Industry Challenges at Test”



Technical Program

Learn...

- **Keynote Speaker**
 - **Brandon Prior**
 - Senior Consultant
Prismark Partners

“IC Packaging: Global Trends, Technologies and Next Generation 3D Solutions”



Technical Program

Learn...

7 Technical Sessions

- **Living the High Life (High Current & Power)**
- **Novel Approaches to Socket Design**
- **Adventures in Test & Burn-in Operations**
- **PCB's—More Than Just Boards**
- **A Salmagundi of Socket Science**
- **Studies and Evaluations of Electrical Contacts**
- **Advancements & Innovations in Socket Materials**

2 Poster Sessions



BITS EXPO



- **45 Companies Exhibiting**
 - Explore the Latest Products & Services
 - Description & Contact Info in the Exhibitor Directory
 - Company List in the Proceedings
- **Atrium**
- **EXPO Schedule:**

MONDAY	TUESDAY
5:30PM – 9:00PM	3:30PM – 6:30PM



EXPO2009 Exhibitors



Atrium

<p>A02 ISC Technology Co., Ltd.</p> <p>A03 E-TEC Interconnect, Ltd.</p> <p>A04 Marcel Electronics Int'l</p> <p>A06 Micro Control Company</p> <p>A09 R&D Circuits</p> <p>A10 Johnstech Int'l Corp.</p> <p>A11 Taconic</p> <p>A12 HiCon Co., Ltd.</p> <p>A13 Integrated Test Corp.</p> <p>A14 High Connection Density</p> <p>A15 Interconnect Devices, Inc.</p> <p>A16 TekScan</p> <p>A17 CCT Plastics</p> <p>A18 TSE Co., Ltd.</p> <p>A19 NHK Spring Company</p>	<p>A20 Hon Hai Precision (Foxconn)</p> <p>A21 Paricon Technologies</p> <p>A22 Rika Denshi America</p> <p>A23 Electroworld</p> <p>A24 Yamaichi Electronics USA</p> <p>A25 Incal Technology</p> <p>A26 Piper Plastics</p> <p>A27 Micronics Japan Co., Ltd</p> <p>A28 Azimuth Electronics</p> <p>A29 Aehr Test Systems</p> <p>A30 Aries Electronics</p> <p>A31 E. Jordan Brookes</p> <p>A32 Okins Electronics</p> <p>A34 Antares Adv. Test Tech.</p> <p>A35 Antares Adv. Test Tech.</p> <p>A36 Ardent Concepts</p>	<p>A37 DuPont</p> <p>A38 Abrel Products</p> <p>A39 Brush Wellman, Inc.</p> <p>A40 RJL Technical Sales</p> <p>A41 Dynamic Test Solutions</p> <p>A42 Qualmax</p> <p>A43 Enplas Tesco Inc.</p> <p>A44 Everett Charles Tech.</p> <p>A45 Multitest</p> <p>A46 Phoenix Test Arrays</p> <p>A47 Sensata</p> <p>A48 Plastronics Socket Co.</p> <p>A49 Ensinger</p> <p>A50 RS Tech, Inc.</p> <p>A51 Exatron</p>
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Sponsor

EXPO

...Explore...

BITS
Burn-in & Test Socket Workshop
EXPO 2009
Floor Plan

to Kiva Ballroom & BITS Registration

Networking

...Share...

Meet and Chat With Someone You Don't Know

- **Many Opportunities to Network, Share & Discuss**
 - Meals & Receptions
 - Morning and Afternoon Breaks
 - Poster Sessions at Break on Monday PM & Tuesday AM
 - **BiTS EXPO**
 - ✓ Social Activities In Conjunction With the Exhibits
 - Tuesday Evening Social Event: "BiTS-Blast"
 - ✓ 10th Anniversary Party With Karaoke, Casino, Reception & Hors d'ouvres



Social Event

"BITS Blast!"

Tenth Anniversary Party!

Tuesday, March 10 - 6:30PM
Pavon Room

Reception, Hors d'ouvres,
Karaoke & Casino,

Your 'talent' could win a nice prize!



Recognition

- Evaluation / Comments Forms

- Forms are in the Proceedings
 - ✓ After Each Session
 - ✓ Overall Workshop

- Award Plaques

- Best Poster
- 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




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**** Current Workshop ****

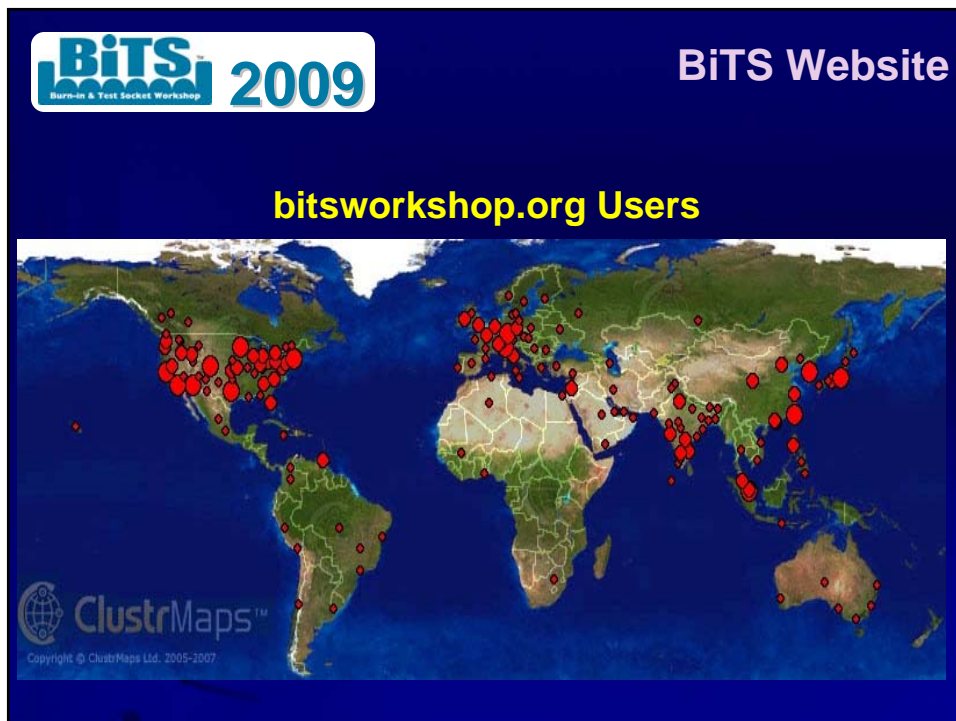
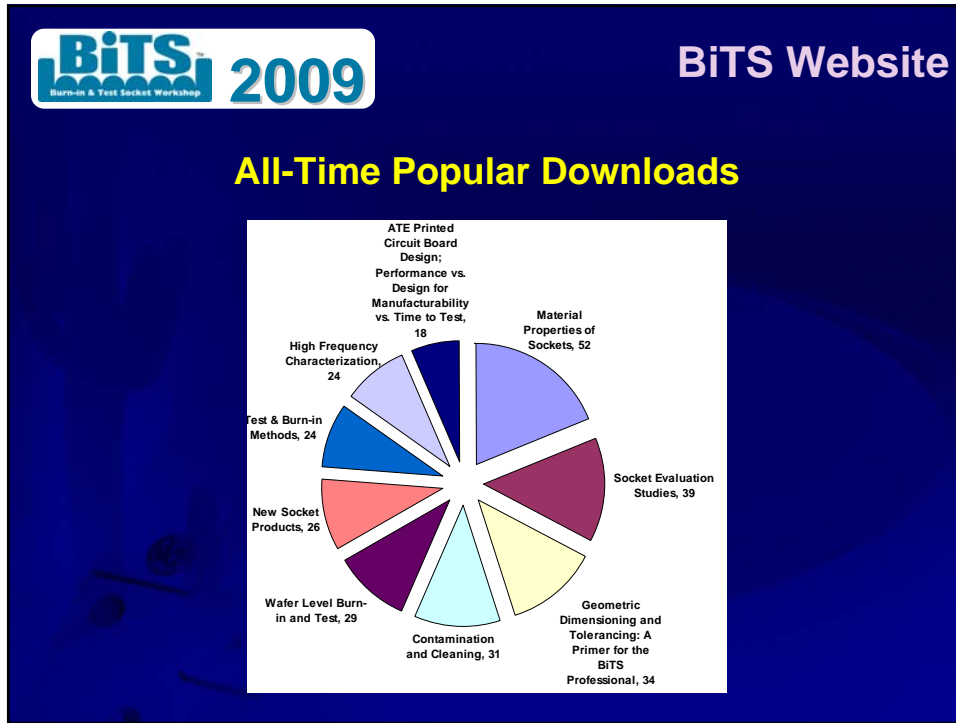
- Call For Papers
- EXPO
- Advance/Final Program
- Registration Information & Forms; Register On-line
- Author Information
- Hotel Information/Travel

**** Features ****

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

** Prior Workshops **

BITS Archive: Papers, Authors, Attendees



BiTS Website

Your Complete Source For Information About BiTS
<http://www.bitsworkshop.org>

Coming Soon

BiTS 2009 Archive (April/May 2009)
BiTS 2010 Call For Presentations (~August 2009)

Sponsors

WITH THANKS TO OUR SPONSORS

Premier
.multitest
A DOVER COMPANY
>> deciding future benchmarks

Distinguished

ISC Technology **antares**
Advanced Test Technologies

Welcome Reception *Media* *Promotional*

CASCADE MICROTECH **Advanced Packaging** **semi**

CONNECTOR



BiTS “In-the-News”

Advanced Packaging & Connector Specifier

➤ *Exclusive BiTS Media Sponsor*

Final Test Report

- ✓ **The latest news from around the test industry**

Fleck Research

- ✓ **Socket Reports**

Chip Scale Review

- ✓ **Packaging News**

MicroConnections

- ✓ **Journal of Leading-edge Interconnection Technology**



SWTW – Semiconductor Wafer Test Workshop



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	Mike Noel Freescale
Morten Jensen Intel	John Moore Texas Instruments
Marc Knox IBM Systems & Tech. Group	Ila Pal Antares Advanced Test Tech.
Joachim Moerbt Advantest-Europe	Tim Swettlen (Tutorials Chair) Intel

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Kena Pegram R&D Circuits
Owen Prillaman TechConnect Sales

PUBLICITY & PUBLICATIONS

Mark Murdza, Chair Cascade Microtech
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REGISTRATION

Paul Boyce, Chair Advantage Specialist
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