



2007

Welcome



**March 11 - 14, 2007
Hilton Phoenix East / Mesa Hotel
Mesa, Arizona**

WELCOME



Welcome

to the

8th Annual BiTS Workshop

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



Workshop Overview



(Please Silence Cell Phones & Beepers)



COMMITTEE

PROGRAM

Steve Hamren
(Sessions Chair)
Micron

Tim Swettlen
(Tutorials Chair)
Intel

Rafiq Hussain
Advanced Micro Devices

Marc Knox
IBM Systems & Tech. Group

John Moore
Texas Instruments

Mike Noel
Freescale

LOCAL ARRANGEMENTS

Valts Treiberigs, Chair
Everett Charles Technologies

John Ambrosini
Enplas-Tesco

Owen Prillaman
Yamaichi Electronics

PUBLICITY & PUBLICATIONS

Mark Murdza, Chair
Antares Advanced Test Technologies

REGISTRATION

Paul Boyce, Chair
Advantage Specialist



Workshop Overview

Welcome to the 8th Annual BiTS Workshop

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

- **Comprehensive Program**
 - ✓ **Technical Program**
 - 2 Tutorials
 - Invited Speaker, 25+ Papers & Keynote Speaker
 - ✓ **BiTS EXPO – 58 Exhibitors**
 - ✓ **Networking Opportunities**
 - Social Program

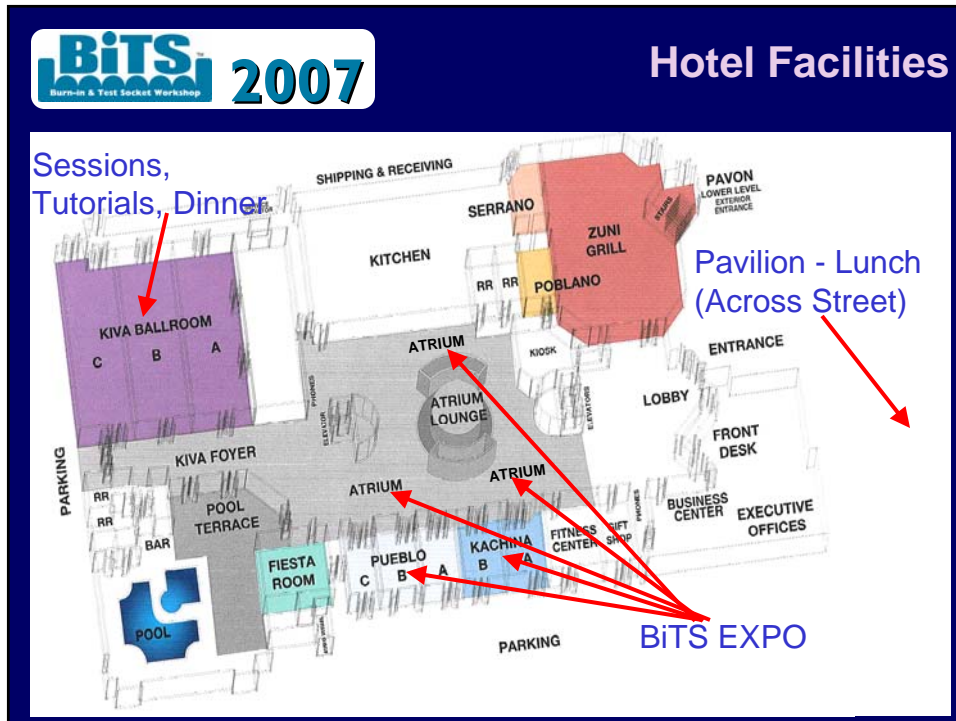


Workshop Overview

Welcome to the 8th Annual BiTS Workshop

- **Informal and Casual Throughout All Sessions and Activities**
- **Feedback & Suggestions are Encouraged**
- **BiTS is Pleased to Return to:**
The Hilton Phoenix East / Mesa Hotel





- **Attendee Registration Includes**
 - **Technical Program**
 - ✓ + Tutorial(s) (*)
 - **Meals & Social Program**
 - **BITS EXPO**
 - **Registration Package**
 - ✓ Badge
 - ✓ Hardcopy Proceedings
 - ✓ Workshop Guide & Exhibitor Directory
 - ✓ Souvenir Bag
 - ✓ Tutorial Materials (*)
 - ✓ **Wireless Access:** User Name: HMP-3732; P/W: 558624

YOUR NAME




(*) w. addl. registration



Workshop Overview

Learn...

- **Technical Program**

- **2 Tutorials (*) – Sunday Afternoon**
- **Invited Speaker – Sunday Evening**
- **Keynote Speaker – Monday Morning**
- **25+ Practical and Useful Presentations From Users and Suppliers Across 2 1/2 Days**
 - ✓ **7 Sessions + Hot Topics Session**
 - ✓ **Q&A After Each Presenter**
 - ✓ **Many Excellent Abstracts Submitted**

(*) w. addl. registration)



Technical Program

Learn...

- **BiTS Tutorials**

- **“ATE Printed Circuit Board Design; Design vs. Manufacturing Capabilities vs. Time to Market”**
 - ✓ **Steve Arobio – Dynamic Test Solutions, Inc.**
- **“An Overview of Critical Issues in IC Packaging”**
 - ✓ **Charles Cohn – TechSearch International, Inc.**



Technical Program

Learn...

- **Invited Speaker**

“From the Frying Pan Into the Fire: Working on Both Sides of the Tooling Supply Chain”

Steven B. Strauss
Vice President of Engineering
Antares Advanced Test Technologies



Technical Program

Learn...

- **Keynote Speaker**

➤ **Steven R. Appleton**
– **Chairman, CEO & President**
Micron Technology, Inc.

“The Impact of New Applications and Increasing Device Complexity on the Future of Testing”



Technical Program

Learn...

8 Technical Sessions

- **Designing for Socket Electrical Integrity**
- **Socket Analysis and Characterization Methods**
- **Pushing the Power / Thermal Envelope**
- **Trends in Contact Technologies**
- **PCB Advancements and Opportunities**
- **Hot Topics: Advancements in Contacting Leading Edge Packages**
- **Socket Design and Use Challenges**
- **Exploring Handler, Socket & Device Interfacing**



Workshop Overview

Learn...

Meet and Chat With Someone You Don't Know

- **Many Opportunities to Network, Share & Discuss**
 - **3 Breakfasts, 2 Lunches, 4 Receptions and 2 Dinners**
 - ✓ **Plus: Chef Stations & Reception at Monday EXPO**
 - **Morning and Afternoon Breaks**
 - **Networking Time on Monday and Tuesday Afternoon**
 - ✓ **"Meet the Press"**
 - **Tuesday Evening Social Event**
 - ✓ **An International Murder Mystery: "SPY!"**
 - **BITS EXPO**
 - ✓ **Social Activities In Conjunction With the Exhibits**



Workshop Overview

- **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

ANNOUNCING

BITS @ SEMICON WEST

Top Papers at BiTS to be Presented



Workshop Overview

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>



9 days to BITS 2007! Hilton Phoenix East/Mesa, Arizona USA

NAVIGATION MENU: [HOME](#) | [ARCHIVE](#) | [COMMITTEE](#) | [LINKS](#) | [MAIL LIST](#) | [BITS-List](#)

HOT Buttons: [EXPO INFO](#) | [HOTEL INFO](#) | [ADVANCE PROGRAM](#) | [REGISTRATION](#) | [AUTHOR INFO](#)

EIGHTH ANNUAL
Bits 2007
Burn-in & Test Socket Workshop

March 11 - 14, 2007
Hilton Phoenix East / Mesa Hotel - Mesa, Arizona

BITS Exhibitors!
EXPO INFO
Now is posted

EXPO IS
SOLD OUT!
BITS Corporate Support Opportunities are CLOSED for 2007!

Advance Attendee Registration IS CLOSED

Register On-site starting Sunday

Advance Program

Schedule & A Glance

FEATURING



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
- BiTS-List (Chat Forum)
- Links to Other Websites
- 'Press' About BiTS
- Search BiTS Feature

Prior Workshops

BiTS Archive: Papers, Authors, Attendees



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• BiTS-List

- Chat Forum
- Sign-up Now!

Consider Replacing with a blog?

✓ Registration Form: check-off box

OR

✓ See the Registration Desk

OR

✓ On-line


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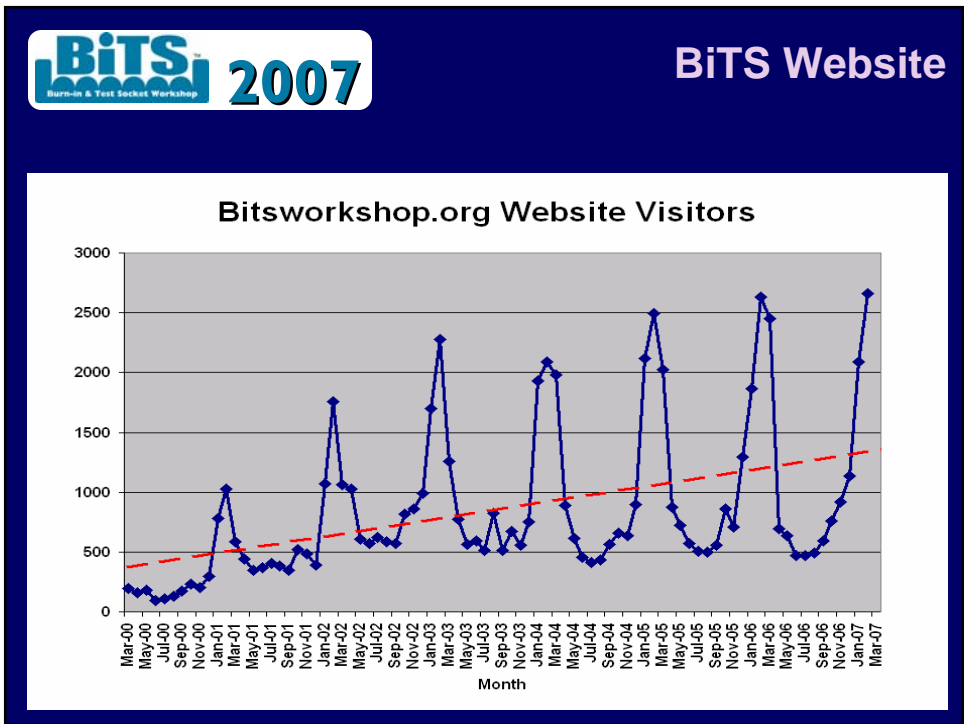
Coming Soon

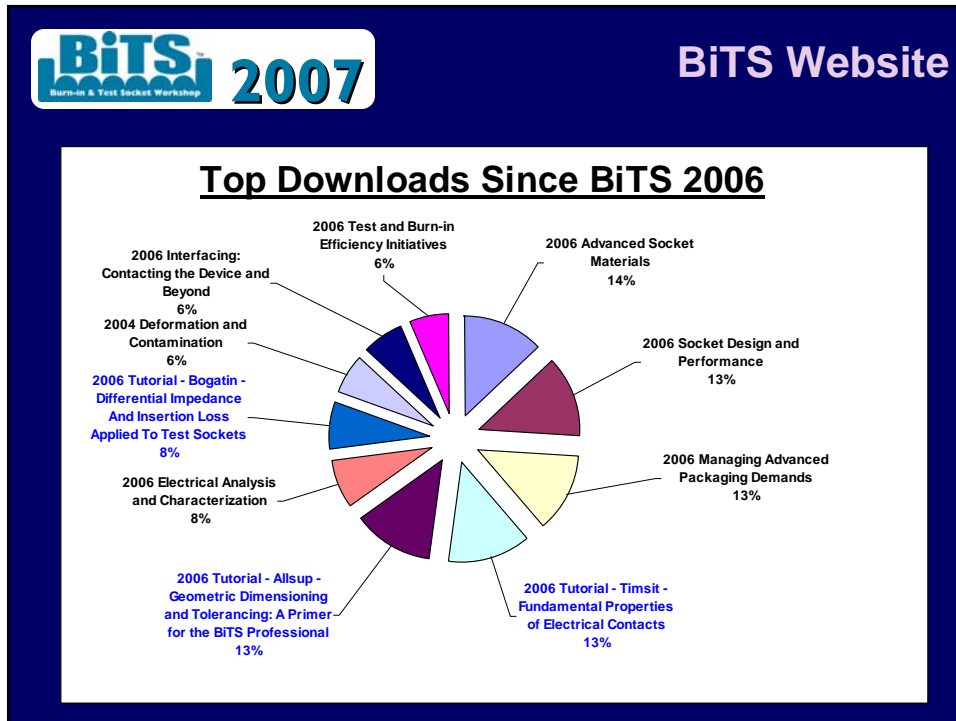
BiTS 2007 Archive (April/May 2007)

BiTS 2008 Call For Presentations (August 2007)

And Introducing: BiTS Classifieds (2Q 2007)

- BiTS-Careers (Jobs)
- BiTS-Ads (Products & Services)





Advanced Packaging & Surface Mount Technology Magazines

- Exclusive BiTS Media Sponsor
- BiTS Exhibitor

Final Test Report

- ✓The latest news from around the test industry

Fleck Research

- ✓Socket Reports

BITS EXPO

- **58 Companies Exhibiting**
 - Description & Contact Info in the Exhibitor Directory
- **Atrium, Pueblo & Kachina Ballrooms**
- **EXPO Schedule:**

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

BITS EXPO: Exhibitors

Pueblo

P1 RS Tech, Inc.	P5 Boedeker Plastics, Inc.	P9 Phoenix Test Arrays, LLC
P2 E. Jordan Brookes Co., Inc.	P6 RJI Technical Sales	P10 Integrated Test Corp.
P3 Brush Wellman, Inc.	P7 Sensata Technologies, Inc.	P11 Ardent Concepts, Inc.
P4 Enplas Tesco, Inc.	P8 Accutron, Ltd.	P12 RD Chemical Company

Kachina

K1 Synergetix	K4 Yokowo America Corp.	K6 Hyperion Catalysis Int'l., Inc.
K2 Marcel Electronics Int'l.	K5 inTest Silicon Valley Corp.	K7 Exatron
K3 Hon Hai Precision (Foxconn)		K8 EDA North America

Atrium

A1 Unitechno USA, Inc.	A14 Professional Plastics	A28 Micronics Japan Co., Ltd.
A2 SEMI	A15 CEIBIS Cody Electronics, Inc.	A29 Victrex USA, Inc.
A3 Micro Control Company	A16 NHK Spring Co., Ltd.	A30 Qualmax, Inc.
A4 E-tec Interconnect, Ltd.	A17 Piper Plastics, Inc.	A31 Antares Adv. Test Tech.
A5 R&D Circuits	A18 Piper Plastics, Inc.	A32 Antares Adv. Test Tech.
A6 Advanced Packaging & SMT	A19 Rika Denshi America, Inc.	A33 Ensinger, Inc.
A7 Johnstech Int'l Corp.	A20 Electroworld	A34 Gryphics, Inc.
A8 P.P.I. -Time Zero, Inc.	A21 Yamaichi Electronics USA	A35 Abrel Products Limited
A9 Nano Measurements	A22 INCAL Technology, Inc.	A36 E. I. Dupont Company
A10 Honeywell	A23 3M	A37 Altanova, Inc.
A11 Protos Electronics	A24 Paricon Technologies Corp.	A38 Ironwood Electronics
A12 Plastronics Socket Co.	A25 Azimuth Electronics, Inc.	A39 Nikon Instruments, Inc.
A13 Everett Charles Technologies	A26 Aehr Test Systems	A40 Dynamic Test Solutions
	A27 Aries Electronics, Inc.	

