BiTS 2006 Welcome Remarks

Fred Taber
BiTS General Chairman
Welcome

Workshop Overview

I'm a BiTS cell phone offender

I'm a BiTS cell phone offender!

(Please Silence Cell Phones & Beepers)

Workshop Overview

I'm a BiTS cell phone offender

No cell phone symbol

S cell offender!

(Please Silence Cell Phones & Beepers)
Welcome to the 7th Annual BiTS Workshop

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

- Comprehensive Program
  - Technical Program
    - 3 Tutorials
    - Panel, 30+ Papers & Keynote Speaker
  - BiTS EXPO – Over 50 Exhibitors
  - Networking Opportunities
    - Social Program
Welcome to the 7th Annual BiTS Workshop

- Informal and Casual Throughout All Sessions and Activities
- Feedback & Suggestions are Encouraged
- A New Venue: The Wyndham Buttes Resort

Hotel Facilities

Top of the Rock
Conference Center
Welcome

March 12 - 15, 2006

2006

Hotel Facilities

BiTS EXPO

Sessions

Wyndham ByRequest®

• Receive Great Benefits
  ➢ Unlimited Domestic Long Distance Calls
  ➢ Local phone calls
  ➢ High speed internet access
  ➢ Faxes
  ➢ Copies
  ➢ Personalized Room

• Sign-up Now - It’s Free
  ➢ Non-Wyndham Guests Can Sign-up Too!
Workshop Overview

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

(·) w. addl. registration)

Workshop Overview

• Technical Program
  - 3 Tutorials (*) – Sunday Afternoon
  - Panel Discussion – Sunday Evening
    - Key Focus Topic
  - Keynote Speaker – Tuesday Evening
  - 30+ Practical and Useful Presentations From Users and Suppliers Across 2 1/2 Days
    - 8 Sessions + Hot Topics Session + Bonus Papers
    - Q&A After Each Presenter
    - Many Excellent Abstracts Submitted

(·) w. addl. registration)
Meet and Chat With Someone You Don't Know

- Many Opportunities to Network, Share & Discuss
  - 3 Breakfasts, 2 Lunches, 3 Receptions and 2 Dinners
    ✔ Plus: Chef Stations with Monday Evening Reception During the EXPO
  - Morning and Afternoon Breaks
  - Networking Time on Monday and Tuesday Afternoon
  - Monday Evening Social Event
    ✔ Casino Night: “BiTS – Deal Yourself A Winning Hand”
  - 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
Welcome

Workshop Overview

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

Special Award
for the
Least Concealed Sales Pitch

The
(Almost) Brilliant Disguise Award
Special Award

Welcome

March 12 - 15, 2006

BiTS 2006 – John Harkness – Brush Wellman
BiTS 2004 – Helge Puhlmann – Yamaichi
BiTS 2003 – Roger Weiss – Paricon Technologies
BiTS 2002 - Mike Niederhofer & Bruce Simikowski - Incal
BiTS 2001 - Jim Ostendorf - Dynavision
BiTS 2000 - Mehdi Attaran - Oztek

BiTS Website

Your Complete Source For Information About BiTS

http://www.bitsworkshop.org

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Coming Soon

BiTS 2006 Archive (April/May 2006)
BiTS 2007 Call For Presentations (August 2006)

- 2005/1: Cleaning Properties Pb-Free 8.3%
- 2006/1 Material Signal Integrity and Test Sockets - simplified 7.7%
- BiTS Media Partner 8.6%
- BiTS Exhibitor 8.5%
- 2005/10 Wafer Level Burn-in and Test 4.3%
- 2006/2 High Frequency Characterization 5.0%
- 2006/3 Evaluation Thermal Contact Technology 3.5%

All others 52.5%

BiTS Website

BiTS “In-the-News”

Chip Scale Review

- BiTS Media Partner
- BiTS Exhibitor

Final Test Report
- The latest news from around the test industry

Fleck Research
- Socket Reports

Advanced Packaging Magazine
**BiTS EXPO**

- **53 Companies Exhibiting**
  - Description & Contact Info in the Exhibitor Directory
- **Hopi Room**
- **EXPO Schedule:**
  
  **MONDAY**
  
  4:30PM - 8:00PM

  **TUESDAY**
  
  5:30PM – 8:00PM

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**BiTS EXPO: Exhibitors**

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<th>Kulicke &amp; Soffa</th>
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<td>UMD Advanced Test Tech.</td>
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<td>202</td>
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<td>Rika Denshi America, Inc.</td>
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<td>204</td>
<td>Piper Plastics, Inc.</td>
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<td>Micro Control Company</td>
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<td>Ensinger, Inc.</td>
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<td>Texas Instruments</td>
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<td>Enplas Tesco, Inc.</td>
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<td>303</td>
<td>Integrated Test Corp.</td>
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<td>Dynamic Test Solutions, Inc.</td>
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<td>Yamaichi Electronics USA, Inc.</td>
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<td>RS Tech, Inc.</td>
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<td>Gryphics, Inc.</td>
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<td>E. Jordan Brookes Co., Inc.</td>
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<td>404</td>
<td>PPI-Time Zero Inc.</td>
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<td>Phoenix Test Arrays, LLC</td>
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<td>501</td>
<td>Johnstech International Corp.</td>
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<td>E-tec Interconnect, Ltd.</td>
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<td>Yokowo America Corporation</td>
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<td>RD Chemical Company</td>
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<td>Paricon Technologies Corp.</td>
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<td>Digital Dimensions, Inc. / Solidworks</td>
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<td>E. Jordan Brookes Co., Inc.</td>
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<td>Motion Dynamics Corp.</td>
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*March 12 - 15, 2006*
BiTS Tutorials

- “Fundamental Properties of Electrical Contacts”
  - Dr. Roland Timsit – Timron Scientific Consulting Inc.
- “Differential Impedance and Insertion Loss Applied To Sockets”
  - Dr. Eric Bogatin - Synergetix
- “Geometric Dimensioning and Tolerancing: A Primer for the BiTS Professional”
  - Thomas Allsup – Anida Technologies
• Panel Discussion

“Thinner Packages And PoP Present Real Challenges For Test & Burn-in”

✓ Panelists
  Representatives From: Socketing, Packaging & Semiconductors
✓ Q&A

• Keynote Speaker

  John Harris
  – Worldwide Test Engineering Manager
  IBM Systems and Technology Group

  “Test And Burn-in: The World Beyond Scaling”
### Technical Program

**9 Technical Sessions**

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<th>Interfacing: Contacting The Device And Beyond</th>
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<td>Socket Design And Performance</td>
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<td>Electrical Analysis And Characterization</td>
<td>Thermal Management Advances</td>
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<td>Managing Advanced Packaging Demands</td>
<td>Test And Burn-in Efficiency Initiatives</td>
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<td>High Frequency Design And Measurement Considerations</td>
<td>AND</td>
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<td>2 Supplemental Papers</td>
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**AND**

March 12 - 15, 2006