

# **1394 Open HCI Developers Conference**

**Lee Wilson  
IBM RS/6000 Division**

# OpenHCI Conference Day I

- 8:30-9:00** Conference Overview  
Intellectual Property Issues (Lee Wilson)
- 9:00-10:15** 1394 Overview Part I (Mike Teener)
- 10:00-10:15** Break
- 10:15-11:00** 1394 Overview Part II (Mike Teener)
- 11:00-11:45** OpenHCI Overview (Mike Teener)
- 11:45-12:30** Lunch
- 12:45-1:00** Promoters/Adopters/ (Lee Wilson)  
Which OpenHCI is This?  
What About Multifunction  
Parts?
- 1:00-2:30** OpenHCI DMA Part I (Mike Eneboe)
- 2:30-2:45** Break
- 2:45-4:15** OpenHCI DMA Part II (Diana Klashman)
- 4:15-5:00** Q&A

# OpenHCI Conference Day II

<b>8:30-10:00</b>	<b>OpenHCI Implementation</b>	<b>(Peter Teng)</b>
<b>10:00-10:15</b>	<b>Break</b>	
<b>10:15-11:15</b>	<b>OpenHCI Software Overview</b>	<b>(John Fuller)</b>
<b>11:15-12:00</b>	<b>1394 Devices and Futures</b>	<b>(Scott Smyers)</b>
<b>12:00-1:00</b>	<b>Lunch</b>	
<b>1:00-2:15</b>	<b>OpenHCI BIOS Issues</b>	<b>(Curtis Stevens)</b>
<b>2:15-2:30</b>	<b>Break</b>	
<b>2:30-3:30</b>	<b>Q&amp;A/Wrap Up</b>	

# OpenHCI Promoters

**Apple**

**Compaq**

**IBM**

**Intel**

**Microsoft**

**National Semiconductor**

**Phoenix (guest)**

**Sony**

**Sun**

**Texas Instruments**

# **OpenHCI Adopters**

**All are Welcome!**

# Clarification of IP Issues (I)

**Q: Can I attend this conference without signing the adopters agreement?**

**A: Yes.**

**Q: Can I freely distribute documents and foils from this conference?**

**A: Yes.**

**Q: How do I input comments and concerns to theOpenHCI promoters?**

**A: [1394ohci -l@austin.ibm.com](mailto:1394ohci-l@austin.ibm.com) reflector. If you attended this conference you can be added to this reflector.**

# Clarification of IP Issues (II)

**Q: Can I use 1394 intellectual property for other pieces of a multifunction part (other than 1394)?**

**A: This is not covered by the IP agreement. Approach Apple for DBDMA, etc.**

**Q: Do I have to give up IP to become an adopter?**

**A: If you find that the 1394 OpenHCI uses your IP and you want to become an adopter - yes. Otherwise, no.**

**Q: Does becoming an adopter cost me anything?**

**A: Unless you decide that 1394 OpenHCI is using your IP - no, it's free.**

# **Does this Bear Any Resemblance to USB OpenHCI?**

- \* No, not much (excluding isochronous transmit DMA kind of)**
- \* USB is a master/slave bus passing tokens to its connected devices. It has no peer-to-peer capabilities.**
- \* 1394 allows peer-to-peer and is arbitrated.**
- \* 1394 does not worry about things like keyboard/mouse support. (Although DOS does not go away!)**
- \* Despite the similarity in name, the OpenHCIs for USB and 1394 reflect the different realities for very different buses**



# **What About Device Classes and All the Other Stuff That Goes Along With This?**

- \* Some seem to think there ought to be more coordination between USB and 1394:
  - Device Classes**
  - Power Management**
  - APIs**
  - Meeting Schedules for Developers****
- \* We will discuss device progress tomorrow.**
- \* Microsoft has been working on device classes, etc. and has had a conference on their initial plans. Other people's plans are not in the public domain.**

# Comments from Day 1

- \* **Some seem to think there ought to be more coordination between USB and 1394:**
  - **Device Classes**
  - **Power Management**
  - **APIs**
  - **Meeting Schedules for Developers**
- \* **We will discuss device progress tomorrow.**
- \* **Microsoft has been working on device classes, etc. and has had a conference on their initial plans. Other people's plans are not in the public domain.**

# 1394 OpenHCI Call to Action

- ◆ **1394ohci-1@austin.ibm.com - conference attendees are being put on this reflector**
- ◆ **Conference foils, specs, etc. will be made available on ftp site - watch the reflector**
- ◆ **New levels of specification will be made available**
- ◆ **There appears to a common desire for a follow up conference**