

**Agenda**  
**Hydrogen and Fuel Cells Summit VIII**  
**University of Miami Convocation Center**  
**June 15-17, 2004**

**Day One -- Tuesday, June 15, 2004**

- 7:30 am**      **Registration Openx**
- *Sign in and pick up your name badge*
- 8:30 am**      **Welcome/Introduction**
- *Ron Jarnagin, Facilitator, Pacific Northwest National Laboratory*
  - *[Neil Rossmeissl](#), U.S. Department of Energy*
- 8:40 am**      **Introduction**
- *Dr. T. Nejat Veziroglu, Professor, University of Miami, College of Engineering, Department of Mechanical Engineering*
- 9:00 am**      **ICC Model Code Hearings, Kansas City**
- *[Darren Meyers](#), International Code Council*
- 9:30 am**      **US Fuel Cell Council – Fuel Specifications**
- *[William Collins](#), UTC Fuel Cells*
- 10:00 am**      **Break**
- 10:15 am**      **Training Modules for Hydrogen Safety**
- *[George Kervitsky](#), Sentech Inc.*
- 10:45 am**      **International Collaborations**
- *[Cathy Grégoire Padró](#), Los Alamos National Laboratory*
- 11:15 am**      **ASME Codes and Standards for Hydrogen Infrastructure**
- *[John Koehr](#), ASME International*
- 11:45 - 1:00 pm** **Buffet Lunch**
- 12:30 pm**      **H2 Program and 1-Stop Permitting – Luncheon Speaker**
- *[Allan Bedwell](#), Florida Department of Environmental Protection*
- 1:00 pm**      **IHIG "Well to Wheels" C&S Tracking System**
- *[Jim Ohi](#), National Renewable Energy Laboratory*
- 1:30 pm**      **Hydrogen Safety Review Panel - Overview**
- *[Steve Weiner](#), Pacific Northwest National Laboratory*
  - *[Addison Bain](#), Chair, Hydrogen Safety Review Panel*
- 2:00 pm**      **Seminar: Separation Distances**
- *[Jay Keller](#), Sandia National Laboratory*
- 2:45 pm**      **Break**
- 3:00 pm**      **Seminar: Separation Distances (cont.)**
- *Jay Keller, Sandia National Laboratory*
- 4:00 pm**      **National Training Facility for Hydrogen Safety at HAMMER Site**
- *[Linda Fassbender](#), Pacific Northwest National Laboratory*
  - *[Bret Akers](#), Fluor Hanford*
- 4:30 pm**      **Discussion and Wrap-Up Day One**
- *Ron Jarnagin, Pacific Northwest National Laboratory*
- 4:45 pm**      **Adjourn**
- 5:30-7:00 pm**      **Reception at the Miami Dadeland Marriott (9090 S. Dadeland Blvd, Miami, FL 33156)**

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**Day Two -- Wednesday, June 16**

- 7:30 am**      **Open Time/Breakout Group Sign-up**
- *Sign up for the afternoon breakout sessions at the registration table*
- 7:50 am**      **Morning Meeting Announcements**
- *Ron Jarnagin, Facilitator, Pacific Northwest National Laboratory*
- 8:00 am**      **Case Study 1: CGA – Difficulty of Code Changes in Absence of Supporting Technical Standards**
- *Roger Smith, CGA*
- 8:45 am**      **Case Study 2: Los Alamos Electrolyzer Installation**
- *Cathy Grégoire Padró, Los Alamos National Laboratory*
- 9:15 am**      **Case Study 3: High Pressure Vehicle Tank**
- *Andy Abele, Quantum Technologies, Inc.*
- 10:00 am**      **Break**
- 10:15 am**      **Case Study 4a: Refueling Station**
- *Mark Wait, Air Products*
- 11:00 am**      **Case Study 5: Hydrogen Energy Station for Back-up Power and Vehicle Refueling**
- *Andrei Tchouvelev, Stuart Energy Systems Corporation*
- 11:45 am**      **Road Shows and Northeast “Incubator” Meetings**
- *Anne-Marie Borbely, Pacific Northwest National Laboratory*
- 12:15-1:30 pm**      **Buffet Lunch**
- 1:15 pm**      **Description of and Instructions for Breakout Sessions – Luncheon Speaker**
- *Ron Jarnagin, Pacific Northwest National Laboratory*
- 1:30 pm**      **Concurrent Breakout Sessions**
1. *Permitting a Hydrogen Refueling Station – 2 groups of 5 members – (Group 1) (Group 2)  
Session Leaders, Andrei Tchouvelev and Al Vasys*
  2. *International Discussion -- Session Leader, Ron Jarnagin*
  3. *Education/Training for Safety, Codes and Standards -- Session Leader, Linda Fassbender (Handout);  
Mary Rose Szoka (Fire Safety Recommendations Handout)*
  4. *Strategies for the Next Model Code Hearings -- Session Leader, Darren Meyers*
- 2:30 pm**      **Break**
- 2:45 pm**      **Concurrent Breakout Sessions (cont.)**
1. *Permitting a Hydrogen Refueling Station – 2 groups of 5 members*
  2. *International Discussion*
  3. *Education/Training for Safety, Codes and Standards*
  4. *Strategies for the Next Model Code Hearings*
- 3:45 pm**      **Reporting Back/Plenary Discussion of Breakout Session Results**
- *Breakout Group Leaders*
- 4:45 pm**      **Wrap Up Day Two**
- *Ron Jarnagin, Pacific Northwest National Laboratory*

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**Day Three -- Thursday, June 17**

- 7:30 am**            **Open Time**
- 7:50 am**            **Morning Meeting Announcements**
- *Ron Jarnagin, Facilitator, Pacific Northwest National Laboratory*
- 8:00 am**            **Seminar: Hydrogen Properties Testing and Verification**
- *Mike Swain, University of Miami*
- 9:45 am**            **Break**
- 10:00 am**           **Hydrogen Safety Review Panel Project Review Reports – Las Vegas Hydrogen Energy Station and Other Projects**
- *Steve Weiner, Pacific Northwest National Laboratory, Moderator*
  - *Ed Skolnik, Energetics, Inc.*
  - *Hydrogen Safety Review Panel Members, Jesse Schneider*
- 12:00 pm**           **Adjourn**