

3a. The Agenda

HYDROGEN SENSOR WORKSHOP AGENDA

June 8th, 2011 ☐ Chicago, IL

Registration

8:00 am - 8:30 am

*Workshop will take place in a room at the Convention Center.
Exact room 21.*

8:30 am - 8:50 am

Welcome Remarks

William Buttner, NREL

8:50 am - 9:00 am

DOE Fuel Cell and Hydrogen Program; Role of Sensors

Scott McWorter, SRNL; DOE

9:00 am - 9:20 am

2007 Workshop

Robert Glass/Lawrence Livermore National Laboratory

2011 Workshop Background and Objectives; Technology Update *Robert Burgess, NREL*

9:20 am – 9:40 am

Codes and Standards Sensor Requirements

Carl Rivkin, NREL

9:40 am – 10:00 am

What a Battery User Needs From A Hydrogen Sensing Unit *Curtis*

Ashton, CenturyLink

10:00 am – 10:15 am

BREAK

10:15 am – 10:35 am

Wide Area Sensing Needs

Nick Barillo, PNNL

10:35 am – 10:55 am

Hydrogen Fuel Detection Based on Smart Sensor Systems

Gary Hunter, NASA/GRC

10:55 am - 11:15 am

Indoor Fueling

Robert Skinnell, DLA Susquehanna and Albert Poch, LMI

11:15 am – 11:35 am

Hydrogen Sensor Certification

Michael Alexander, Project Engineer, UL

11:35 am – 11: 55 am

H2 Sensor in Industrial Truck Applications – Needs assessment from field experience

Aaron Harris, Nuvera,

11:55 am – 12:10 pm

Sensor Metrics

William Buttner, NREL

12:10 pm - 1:00 pm

LUNCH

(concurrent with 4 minute talks from Technologists)

1:00 pm - 3:30 pm

BREAK OUT GROUPS

Round robin format with 30 minute sessions to allow participation in multiple topic areas

I. Infrastructure Sensor Requirements

1:15 Session 1

a Indoor Fueling and Operations (*Albert "Snapper" Poche DLA, Susquehanna*)

2:00 Session 2

b Storage (*Robert Burgess, NREL*)

2:45 Session 3

c Production

d Residential (*Carl Rivkin, NREL*)

e battery backup (*Curtis Ashton*)

f *OTHER TOPIC*

II. Vehicle Sensor Requirements

a Industrial Truck-Forklifts (*Aaron Harris, Nuvera*)

b *OTHER TOPICS*

3:30 pm – 3:45 pm

Break

3:45 pm - 4:15 pm

Summary Presentation Breakout Group Leaders

4:15 pm – 4:45 pm

Open Discussion