

UNIVERSITY OF
LOUISVILLE

Workshop: Clean Hydrogen and Industrial Decarbonization

This workshop focuses on topics ranging from clean hydrogen infrastructure needs to technology translation toward transportation, industrial decarbonization, low carbon micro-grids for resiliency and helping with renewable energy storage. Speakers and panel discussions bring various stakeholders together to discuss technoeconomic and societal challenges with clean hydrogen production, transition and use. Stakeholders include regional industry, academics, policymakers, entrepreneurs and investors.

MARCH
9+10

HILTON GARDEN INN - AIRPORT
2735 Crittenden Drive
Louisville, Ky. 40209



REGISTER

AGENDA

Thursday, March 9

8 - 8.45 a.m. Registration & Light Breakfast
9 - 9.15 a.m. Welcome remarks

Session 1 - Decarbonization

9.15 - 9.45 a.m. John Smegal, US Department of Energy
9.45 - 10.15 a.m. Emmanuel Revellame, Energy Institute of Louisiana, U. of Louisiana
10.15 - 10.45 a.m. Robert Jewell, UK Center for Applied Energy Research
10.45 - 11 a.m. Break
11 - 12 p.m. Panel:
Mahendra Sunkara, UofL Conn Center (Moderator)
John Smegal, U.S. Department of Energy
Mark McGinley, UofL Industrial Assessment Center
Sumedha Rao, Louisville Metro Office of Sustainability
R.J. Dyrdek, US Army, Ft. Knox
12 - 1 p.m. Lunch

Session 2 - Clean Hydrogen

1 - 1.30 p.m. Huyen Dinh, National Renewable Energy Laboratory
1.30 - 2 p.m. Kenya Stump, Kentucky Energy and Environment Cabinet
2 - 2.30 p.m. Thangaraj Mathuraiveeran, Cummins Inc.
2.30 - 3 Aron Patrick, PPL Corporation
3 - 3.15 p.m. Break
3.15 - 4.15 p.m. Panel:
Joshua Spurgeon, UofL Conn Center (Moderator)
Sydney Montgomery, Ky. Cabinet for Economic Development
Aron Patrick, PPL Corporation
Tim Fogarty, Pyrochem Catalysts
4.30 - 7 p.m. Poster Session

Friday, March 10

8 - 9 a.m. Registration & Light Breakfast

Session 3 - Low Carbon Microgrids

9 - 9.30 a.m. David Baugh, Bloom Energy
9.30 - 10 a.m. Amir Valibeygi, BrightNight
10 - 10.30 a.m. Alan Mantooth, Univ of Arkansas Fayetteville
10.30 - 11 a.m. Joe Estrada, Electric Power Research Institute
11 - 12 p.m. Panel:
Michael McIntyre Univ of Louisville (Moderator)
Nick Jewell, LG&E and KU
Jacob Vittitow, Scale Microgrid Systems
Joe Estrada, Electric Power Research Institute

SPEAKERS INCLUDE



Sumedha Rao
Executive Director
Mayor's Office of Sustainability



Kenya Stump
Executive Director
Ky. Office of Energy Policy



John Smegal
Program Officer
US Department of Energy



David Baugh
Director Partner Engagement
Bloom Energy Corporation



Nick Jewell
Group Leader
LG&E and Kentucky Utilities



Aron Patrick
Director of R&D
PPL Corporation

The Clean Hydrogen and Industrial Decarbonization Workshop is brought to you by the UofL Conn Center for Renewable Energy Research, the KY Cabinet for Energy and Environment, UK Center for Applied Energy Research and the UofL MBDA Advanced Manufacturing Center.