



CONFERENCE ON ELECTRIC ROADS & VEHICLES

# CONFERENCE WELCOME & INTRODUCTION

**May 16-17, 2016**

UNIVERSITY INN & CONFERENCE CENTER  
LOGAN, UTAH, USA

[WWW.CERVCONFERENCE.ORG](http://WWW.CERVCONFERENCE.ORG)



**Committee**

**CERV 2016**

**Attendees**

**Schedule**

**Regan Zane, USU**  
**Conference Co-chair**

**Jeff Muhs, WiTricity**  
**Conference Co-chair**

**Zeljko Pantic, USU**  
**Conference Program Chair**

**Kylie Downs, USU**  
**Conference Administrator**

Committee

CERV 2016

Attendees

Schedule

- CERV challenges the assumption that vehicles will remain the energy carrier of choice
- Brings together key stakeholders for discussion
  - Industry, government, academia
  - Business, engineering, policy, community
  - Address technical, practical, political challenges
  - Electrified transportation, smart grid, smart cities, connected / autonomous vehicles
  - Techno-economic analysis, life cycle analysis, environmental impact, market adoption
- Fourth year for CERV
  - Early years focused on vision, motivation, possibilities, barriers
  - Last year: results and planning for pilot-scale projects around the world (stationary)
  - This year (wired and wireless)
    - Stationary: Growing installed base, auto OEM activities, standards
    - In-motion: national initiatives and pilot-scale projects around the corner?

Committee

CERV 2016

Attendees

Schedule

- **83 registrants**
- **71% University, Government, Non-profit**
- **29% Industry**
- **6 countries**

# Conference Schedule

Monday, May  
26, 2016

7:45 am - 8:25 am	Session 1 (Panel): Perspectives from Vehicle OEMs
8:25 am - 9:45 am	Session 2 (Presentations): Industry Updates on Wireless Charging Systems from Technology Providers
9:45 am - 10:15 am	Break
10:15 am - 11:15 am	Session 3 (Presentations): System-Level Studies and Models Exploring the Energy, Environmental and Economic Benefits of Electrified Roadways
11:15 am - 12:00 pm	Session 4 (Panel): System-Level Studies and Models Exploring the Energy, Environmental and Economic Benefits of Electrified Roadways
12:00 pm - 12:45 pm	Lunch
12:45 pm - 1:45 pm	Session 5 (Presentations): Recent Advances on Inductive Charging of Stationary and Moving Vehicles
1:45 pm - 2:35 pm	Session 6 (Panel): Recent Advances on Inductive Charging of Stationary and Moving Vehicles
2:35 pm - 2:45 pm	Break

# Conference Schedule

**Monday, May  
26, 2016**

<b>2:35 pm - 2:45 pm</b>	<b>Break</b>
<b>2:45 pm - 3:45 pm</b>	<b>Session 7 (Presentations): Recent Advances on Non-Inductive Charging of Stationary and Moving Vehicles</b>
<b>3:45 pm - 5:00 pm</b>	<b>Session 8 (Panel): In-Motion Charging and Automated/Connected Vehicles – Synergetic Potential</b>
<b>5:00 pm - 5:15 pm</b>	<b>Transit from Conference Center to USU Dynamic Charging Facility</b>
<b>5:15 pm - 6:15 pm</b>	<b>Tour of USU Dynamic Charging Facility</b>
<b>6:15 pm - 6:30 pm</b>	<b>Transit from Dynamic Charging Facility to Reception</b>
<b>6:30 pm - 8:00 pm</b>	<b>Reception</b>

# Conference Schedule

**Tuesday, May  
17, 2016**

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|----------------------------|--|
| <b>8:25 am - 8:30 am</b>   | <b>Introduction of Keynote Speaker</b>   |
| <b>8:30 am - 9:00 am</b>   | <b>Keynote Presentation: "Wireless Power Transfer: The path to commercialization through standards"</b>  |
| <b>9:00 am - 9:40 am</b>   | <b>Session 9 (Panel): Electrical Infrastructure: EVSE, V2G, Energy Management, and Grid Impact of Stationary and Dynamic Charging</b>          |
| <b>9:40 am - 10:20 am</b>  | <b>Session 10 (Presentations): Electrical Infrastructure: EVSE, V2G, Energy Management, and Grid Impact of Stationary and Dynamic Charging</b> |
| <b>10:20 am - 10:30 am</b> | <b>Break</b>   |
| <b>10:30 am - 11:20 am</b> | <b>Session 11 (Panel): Roadway Infrastructure: Design Concepts and Challenges for Pavement Integration of Stationary and Dynamic Charging</b>  |
| <b>11:20 am - 12:00 pm</b> | <b>Session 12 (Panel): Considerations for New Initiatives and Government Programs in Electrified Roadways</b>                                  |
| <b>12:00 pm - 12:10 pm</b> | <b>Closing Remarks</b>   |