

## Webinar Event

## **An Introduction to OpenADR – Connecting Control Systems to the Smart Grid**

## Organized By

IEEE Control Systems & Instrumentation (CS&I) Southern Alberta Chapter

## Date

March 2<sup>nd</sup>, 2021, 12 PM to 1 PM (Canada/Mountain Time)

## Speakers

**Rolf Bienert, Managing & Technical Director, OpenADR Alliance**

## Location

Online. Registration required (free for IEEE members and students, \$10 for non-members)

## Registration

[Click here to register](#)



## Abstract

The OpenADR Alliance was created to standardize, automate, and simplify Demand Response (DR) and Distributed Energy Resources (DER) to enable utilities and aggregators to cost-effectively manage growing energy demand & decentralized energy production, and customers to control their energy future. OpenADR is an open, highly secure, and two-way information exchange model and Smart Grid standard. This presentation will provide the audience with an introduction to the OpenADR standard and how it enables secure communications between control systems and the energy service providers. We will walk through the history and basic functionality of the protocol and then proceed to review different control strategies. The presentation will end with several common use cases from industrial to residential controls and a Q&A..

**IEEE Southern Alberta  
Control Systems & Instrumentation**



## Rolf Bienert

### Managing & Technical Director, OpenADR Alliance

Topic: An Introduction to OpenADR –  
Connecting Control Systems to the  
Smart Grid



Rolf Bienert is the Managing & Technical Director of the OpenADR Alliance. In this capacity, Rolf oversees all general aspects as well as the technical developments of the Alliance. Before going independent, Rolf was the Technical Manager for Telecom and the Global Competence Center for emerging communication protocols at a large global testing firm. In this role, Rolf was involved in many international standardization efforts and guided the company's efforts in these areas. Rolf has been an active member of the NIST SGTCC, OpenADR Alliance, USNAP Alliance, SunSpec Alliance, ZigBee Alliance, and other organizations driving the development of new technologies with a specific focus on certification and interoperability. He holds an B.S. in Electrical Engineering - Telecommunications from the University of Applied Sciences in Saarbrücken, Germany.

#### Program for Tuesday, March 2<sup>nd</sup>, 2021:

- » 11:45 Webinar open
- » 12:00 IEEE Southern Alberta announcements
- » 12:05 Presentation
- » 12:45 Q&A
- » 13:00 Webinar close

IEEE Control Systems and Instrumentation chapter committee has opening for two new committee members. If you are interested, please contact us at [ieee\\_csi\\_dist2@shaw.ca](mailto:ieee_csi_dist2@shaw.ca).

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