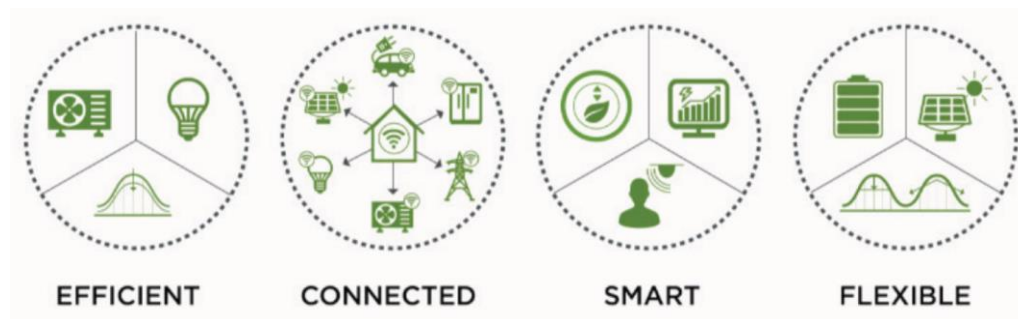


Event	Predictive Energy Management of Grid-Interactive Efficient Buildings
Organized By	IEEE Control Systems & Instrumentation (IEEE Southern Alberta Chapter)
Date	Tuesday, March 8 th , 2022, 12:00 p.m. – 1:00 p.m., MST
Speaker(s)	Alexandre Pavlovski, PhD, P. Eng. President and CEO, Green Power Labs Inc.
Location	Online Event. Registration is required.
Fees	Free for IEEE members and students, \$10 for non-members.
Registration	Click here to register



Abstract

The discussion is focused on the key connected technology aspects of Grid-Interactive Efficient Buildings (GEB) – the buildings optimizing in real time their heating, ventilation and air conditioning while actively using distributed energy resources like solar and storage to enable load flexibility and ancillary grid services as well as address occupant needs and preferences, and achieve energy use and cost reduction and de-carbonization.

Dr. Pavlovski will share Green Power Labs' experiences in clean technology development related to weather-to-energy predictive analytics, predictive building control and predictive grid control for energy management of GEBs.

IEEE Southern Alberta
Control Systems & Instrumentation



**Alexandre Pavlovski, PhD,
P. Eng.
President and CEO, Green Power
Labs Inc.**



Alexandre Pavlovski is a professional engineer and applied physicist with over 35 years of expertise in clean energy and clean technology fields. He holds a Master of Science, Applied Physics and a Ph.D., Power Conversion degrees, and diplomas and certificates in Environmental Policy and Innovations Management. Alexandre's experience is focused on smart buildings and smart cities applications in low carbon economies. His energy planning expertise includes energy analytics for municipalities and commercial buildings. His clean technology development and deployment expertise embraces predictive control of commercial buildings and residential microgrids.

Today, Mr. Pavlovski serves as President and CEO of Green Power Labs Inc. Over the course of 15 years at Green Power Labs, Alexandre established an international reputation as a skilled clean energy leader, a cleantech innovator and a community energy security visionary. His expertise in clean energy planning and deployment, sustainability and predictive energy management is reflected in a broad range of clean energy and energy efficiency services and technology development projects. Notable service examples include Dalhousie Energy Master Plan, Halifax Regional Municipality Solar City program, and the Bridgewater Energy Poverty Reduction Program.

Program for Tuesday, March 8th, 2022:

- » 11:50 MDT Webinar open
- » 12:00 MDT IEEE CS&I announcements
- » 12:10 MDT Presentation
- » 12:45 MDT Q&A
- » 13:00 MDT Webinar closes

If you would like to have your e-mail address added or removed from IEEE CS&I Chapter distribution list, please click [here](#).

IEEE Control Systems and Instrumentation chapter committee has openings for new members. If interested, please contact ieee_csi_dist2@shaw.ca.

**IEEE Southern Alberta
Control Systems & Instrumentation**

