



WHERE
IT
LEADERS
CONNECT

PORTLAND

Portland SIM Student Day Agenda (Wednesday, February 10th 2016)

Technology Tour # 1

9:00 AM ~11:30 AM



Portland General Electric (PGE)

1615 SE 22nd, Salem, OR 97302

Portland General Electric, headquartered in Portland, is a fully integrated electric utility that serves approximately 830,000 residential, commercial and industrial customers in Oregon.

The Salem Smart Power Center is the hub of one of the most advanced electrical systems in the country. Outfitted with a large-scale energy storage system, the center is designed to help PGE test how to store and better integrate variable renewable energy sources like solar and wind into the electrical grid, along with several other smart technologies. The technologies work together to create a highly reliable "micro-grid" that serves business and residential customers in southeast Salem

Technology Tour # 2

1:30 PM ~ 3:00 PM



Northwest Natural

3123 Broadway NE, Salem Or 97303

NW Natural, formerly Northwest Natural Gas Company, is a publicly traded utility headquartered in Portland, Oregon. Primarily a natural gas distributor, the company services residential, commercial, and industrial customers in Western Oregon and Southwest Washington in the Pacific Northwest. Founded in 1859, the company has approximately 705,000 customers and revenues of a little more than one billion in US dollars annually.

NW Natural will be using our auditorium at our Salem center to provide a presentation on technology used for Operations of a natural gas utility. We will discuss technology stacks for the following areas: Metering and Billing, ERP, SCADA, Telecommunications and Mapping.



Banquet Dinner & Presentations sponsored by Presidio

Embassy Suites Hotel Portland- Downtown
319 Southwest Pine Street, Portland, OR 97204

5:15 PM **Registration and Social**

6:15 PM **Dinner**

6:40 PM **Scholarship Recognition**

7:00 PM **Keynote Presentations: How to Build the Future**

Speakers: Brian David Johnson, Futurist, Intel Corporation

The future is not an accident. Tomorrow is not a fixed point on the horizon. The future is made every day by the actions of people. All of us need to be active participants in the future. In this talk internationally renowned futurist Brian David Johnson will explore the technologies and trends that will propel us into the next decade and what you can do to shape it.

The future is Brian David Johnson's business. As a futurist he works with organizations to develop an actionable 10 -15 year vision and what it will feel like to live in the future. His work is called futurecasting, using ethnographic field studies, technology research, cultural history, trend data, global interviews and even science fiction to provide a pragmatic roadmap of the future. As an applied futurist Johnson has worked with governments, militaries, trade organizations, start-ups and multinational corporations to not only help envision their future but specify the steps needed to get there. Johnson is currently the futurist in residence at Arizona State University's Center for Science and the Imagination and a professor in the School for the Future of Innovation in Society.

Johnson speaks and writes extensively in ongoing columns for IEEE Computer Magazine and Successful Farming where he is the "Farm Futurist". He has contributed articles to publications like The Wall Street Journal, Slate, and Wired Magazine. Johnson holds over 30 patents and is the author of both science fiction and fact books (Humanity in the Machine, 21st Century Robot, Vintage Tomorrows and Science Fiction Prototyping). He was appointed first futurist ever at the Intel Corporation in 2009 where he has worked for over a decade helping to design over 2 billion microprocessors. Johnson appears regularly on Bloomberg TV, PBS, FOX News, and the Discovery Channel and has been featured in Scientific American, The Technology Review, Forbes, INC, and Popular Science. He has directed two feature films and is an illustrator and commissioned painter.