NEW DRIVERS FOR ENERGY UTILITIES

תיאור הקורס

While Energy Utilities ought to guarantee the stability of the power system, they are subject to severe and accelerated change, driven by global trends such as the:

- transformation of the energy system to carbon-free
 coordination and harmonization of system and grid operation
 convergence towards international electricity markets
 emerging sector-coupled, multiphysics operated system
 impact of digitalization

Digital trends, both in the form of utility-internal enablers and challenging external factors, are playing a significant role in mastering this change.

The energy companies' ability to utilize the potential of new digital technologies is restricted due to the mission-critical nature of their business, a highly complicated systems mix and a shortage of technological courage by the main system suppliers.

What are the possible outcome scenarios, and what does that mean for the utilities' digital strategy?

תוצאות הלמידה

In this presentation, we will discuss the main trends and challenges the Energy Utilities are facing and their possible impact on the digital and data strategies and architectures.

These include:

- The main trends influencing the energy sector
 The role of digitalization for Energy Utilities
 Possible routes moving forward

למי מיועד הקורס

This webinar is for anyone who is

- Responsible for decision making
 In a lead role within Data, Digital and IT/OT teams
 In a role within Business, Enterprise or IT Architect
 Interested in the future of digitalization and application landscape

Limited spaces available. Save your seat and register now for FREE.

מחירי הקורסים

FREE

המרצה



Dmitri Tchoubraev

Dr. Dmitri Tchoubraev has had different leading roles over the last 20 years in Swiss industry. He was responsible for the introduction of Swiss Ancillary Market services, engineering and operation of numerous business-critical systems of Swiss Transmission Grid National Control Center, establishing of Enterprise Integration and Solution Architecture at Swiss TSO.

Today he lectures, consults and mentors on the Power Utilities System Architecture, Energy Digitalisation and System Integration. His experience includes multiple applications of Project Management and Architectures Development in the area of complex heterogeneous IT System

Landscapes. He also teaches Utilities IT Systems and Substation Automation Systems at the Technical High School Fribourg, Switzerland and was an Assistant Professor on Power Utilities Systems and Processes for 10 years, at the University of Aerospace Instrumentation, St. Petersburg, Russia.

Dr. Tchoubraev has more than 20 years of experience as project and program manager and as operational manager in development, engineering, integration and operation of complex industrial systems for both government and private sector industries.

Dr. Thoubraev is author and co-author of 30 papers and author of the book "Information Technologies for Electromechanical and Power Systems".

In addition, he is specialised on the System Design based upon Mini- and Micro-Services and optimisation of Industrial Operational Environments using Design Thinking and Usability approaches.