

## CIGRE Next Generation Network (NGN) International Webinar

WHEN: APRIL 14, 2021 AT 10AM PT



# ARTIFICIAL INTELLIGENCE AUGMENTED TRANSMISSION LINE INSPECTION



**Presenter: Dr. Janos Toth, Founder and CEO  
RecognAlse Technologies Inc., Vancouver,  
BC, Canada**

<b>Date</b>	14 Apr 2021	<b>Canada</b> 
<b>Time</b>	10 AM (PT)PACIFIC TIME	
<b>Registration</b>	<p>Registration link: <a href="#">here</a>          Deadline: 14 Apr 2021</p> <p>Once people register on the Registration Link we will send a GoToMeeting link a day before the webinar.</p>	
<b>Talk title and abstracts</b>	<p><b>Topic: Artificial Intelligence Augmented Transmission Line Inspection</b></p> <p>In 2019, Janos founded RecognAlse Technologies Inc., a speciality engineering firm exploring and developing Artificial Intelligence (AI) applications for electrical utility systems. RecognAlse sees AI applications capable of assisting with transmission and distribution line asset management. It is possible to use AI augmentations for engineering, inspection and decision-making processes, as well as deploying robotics for inspection and maintenance within the electrical utility industry.</p> <p>Please join this CIGRE webinar and hear about AI-specific applications for transmission line inspection. Designed to strengthen utility-scale electric systems, they also address many of</p>	

	<p>the resource constraints facing our legacy infrastructure and create opportunities to incrementally improve equipment performance reliability and system ‘hardness’.</p>
<p><b>Speaker names and bios</b></p>	<p><b>Presenter: Dr. Janos Toth, Founder and CEO RecognAlse Technologies Inc., Vancouver, BC, Canada</b></p> <p>Dr. Janos Toth is the CEO of RecognAlse Technologies Inc., which he founded in 2019. RecognAlse develops an Artificial Intelligence (AI) augmented electrical transmission line inspection system. Janos has more than 35 years of experience in the electrical utility, mining and petrochemical industries. He has held senior positions in major utilities such as BCTC and BC Hydro, as well as other service providers such as Quanta Energized Services where he served Vice President of Engineering. He also runs Enginomix Consulting, which provides engineering services to clients across a wide spectrum of industrial sector projects around the world.</p> <p>Janos is a member of several industrial standards committees and working groups of the Canadian Standard Association (CSA), the Institute of Electrical and Electronics Engineers (IEEE) and the International Council on Large Electrical Systems (CIGRE) on the topics of design, operation and maintenance of electrical transmission lines. He was the secretary of CIGRE B2.61 FRP Structures for Transmission Lines. He holds three patents in transmission line structures as well as a specialty tool for live line maintenance.</p> <p>Janos obtained his Ph.D. in Civil Engineering from the University of Arizona and NASA Space Engineering Research Centre, USA. He also holds a Masters in Structural Engineering from the Technical University of Budapest, Hungary. He is a Professional Engineer (P.Eng.) registered with the Engineers and Geoscientists BC as well as in several states in the USA.</p>
<p><b>Webinar main contact(s)</b></p>	<p>Kasun Samarasekera, <a href="mailto:kasun@tgs.biz">kasun@tgs.biz</a></p>
<p><b>Other information</b></p>	<p>The webinar will be recorded.</p>