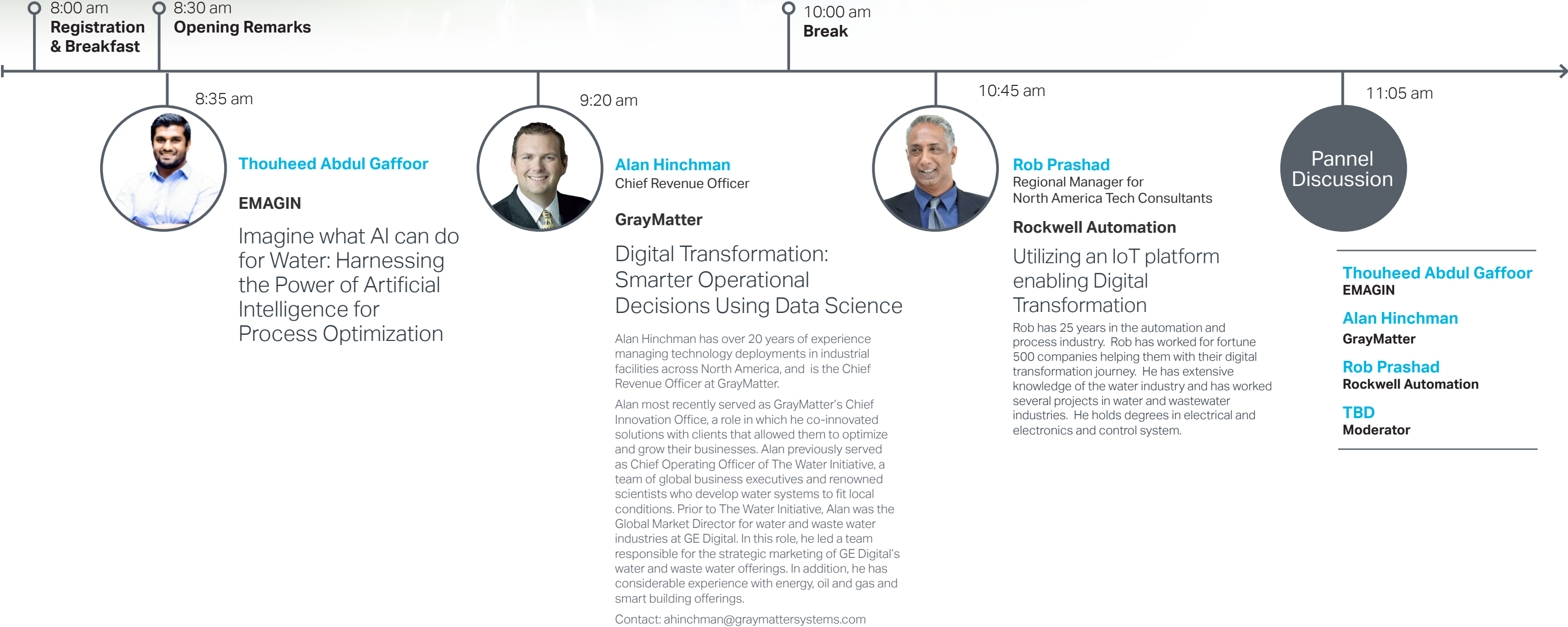


# 2019

## Fall Automation Workshop

Digital Transformation  
in the Water Industry





# The following municipal delegates will present on their experiences with digital transformation in the Ontario water treatment industry:

12:00 pm  
**Lunch & Networking**

3:40 pm  
**Closing Remarks**

1:00 pm



**Bill Shea**  
Director of Distribution and Collection  
**City Of Toronto**

Monitoring flow and pressure to get data of the water distribution and collection system to visualize through ESRI.

holds the position of Director of Distribution and Collection, Toronto Water at the City of Toronto. Toronto Water's Distribution and Collection section inspects, maintains, operates and rehabilitates the water distribution, collection and stormwater systems across the city. Prior to joining the City of Toronto, Bill worked as a Plant Manager, Systems Engineer and Project Engineer for a number of private-sector companies focused on process improvement and automation in the mineral processing, water, wastewater and natural gas industries. In his current role, Bill is implementing technology solutions both in the field and in the boardroom with the goal of improving efficiency, customer service and leveraging predictive data.

Contact: [william.shea@toronto.ca](mailto:william.shea@toronto.ca)

1:35 pm



**Graham Nasby**  
Water SCADA & Security Specialist  
**City of Guelph Water Services**

Operational Dashboards to Monitor Watermain Flow Patterns, Tower Levels, and Realtime Pumping Energy Costs per m<sup>3</sup>

Graham Nasby, PEng, PMP, CAP holds the position of Water SCADA & Security Specialist at City of Guelph Water Services, a publicly-owned water utility located in Guelph, Ontario, Canada. Prior to joining Guelph Water, he spent 10 years in the engineering consulting community after completing his B.Sc.(Eng) at the University of Guelph. He is senior member of the International Society of Automation (ISA) and co-chair of the ISA112 SCADA System Standards Committee, and a voting member of the ISA101 HMI Design standards committee. He is a member of both OWWA and WEAO, and currently sits on the OWWA Automation Committee.

Contact: [graham.nasby@guelph.ca](mailto:graham.nasby@guelph.ca)

2:25 pm



**Matt Spitzig**  
PCS/SCADA Supervisor, Operations  
Maintenance and Monitoring branch  
**Regional Municipality of York**

Operational Dashboards to Monitor Watermain Flow Patterns, Tower Levels, and Realtime Pumping Energy Costs per m<sup>3</sup>

Matt Spitzig is a graduate of the Control Systems Technology program at Fanshawe College. He holds the position of PCS/SCADA Supervisor in the Operations Maintenance and Monitoring branch at the Region of York. Through the 13 years at the Region of York Matt has held various positions within the PCS/SCADA group and has gained experience and knowledge in all aspects of the water and wastewater industry from design and construction, process control and SCADA systems. Prior to working at the Region Matt worked in the automotive manufacturing industry within the maintenance and engineering departments.

Contact: [matt.spitzig@york.ca](mailto:matt.spitzig@york.ca)



**Adam Plumstead**  
Group Leader  
**Eramosa**

Adam Plumstead, C.E.T is a 2007 graduate of the Electrical Engineering Technology program at Conestoga College and was recognized as an Alumni of Distinction in 2017. He is a Group Leader at Eramosa and has been with the firm since 2007. He is an active member of the ISA112 SCADA System Standards Committee and the AWWA Water Utility Technology and Automation Committee.

Contact: [adam.plumstead@eramosa.com](mailto:adam.plumstead@eramosa.com)

3:00 pm

**Pannel Discussion**

**Bill Shea**  
Toronto Water  
**Graham Nasby**  
City of Guelph Water Services  
**Matt Spitzig**  
York Region  
**Adam Plumstead**  
Eramosa  
**Grapham Nasby**  
Moderator