

3D PRINTING **AUGMENTED REALITY**
ARTIFICIAL INTELLIGENCE **DRONES**
COMPUTATIONAL DESIGN **REAL-TIME RENDERING**
GOOGLE EARTH 5D SIMULATION POINT CLOUDS
SELF-DRIVING CARS PARAMETRICISM **VIRTUAL REALITY**
DIALOG

How does the rapidly evolving landscape of technology affect the world of structural engineering? Join us as we explore the interesting and exciting possibilities presented by emerging technologies. We'll look at real-world examples of how the nature of structural engineering is changing, and together speculate about what it all means for the future of our profession.

Blair Bisson, M.Eng., P.Eng., is a structural engineer at DIALOG with over 11 years of experience. He has a passion for great design and has been involved in the design and construction of buildings throughout the City of Edmonton. His work includes the Edmonton International Airport Office and Control Tower, Enbridge Centre and St. Joseph Seminary. Blair has been a champion in the industry pushing emerging technology through interoperability, data transfer, and computational design.

Neil Kemp (CET, CanBIM P3) is a Structural Technologist with DIALOG, based out of their Edmonton studio. He has been with the firm 10 years performing BIM Coordination, Contract Administration, and Owner's Engineering roles among others. Collaborative design is his passion, and he strives for that synergy across all project teams, from concept sketches through construction into facilities management. Emerging technology plays an important role in Neil's collaborative process, and he continues to champion its evolution within the AEC industry. Neil will speak both from personal experience with new technology on recent projects, as well as the industry perspective gathered from attending the recent Buildings & Infrastructure Lifecycle Technology (BILT) Conference.