



UNDERGROUND LUNCH & LEARN

BILLY BISHOP TORONTO CITY AIRPORT PEDESTRIAN TUNNEL

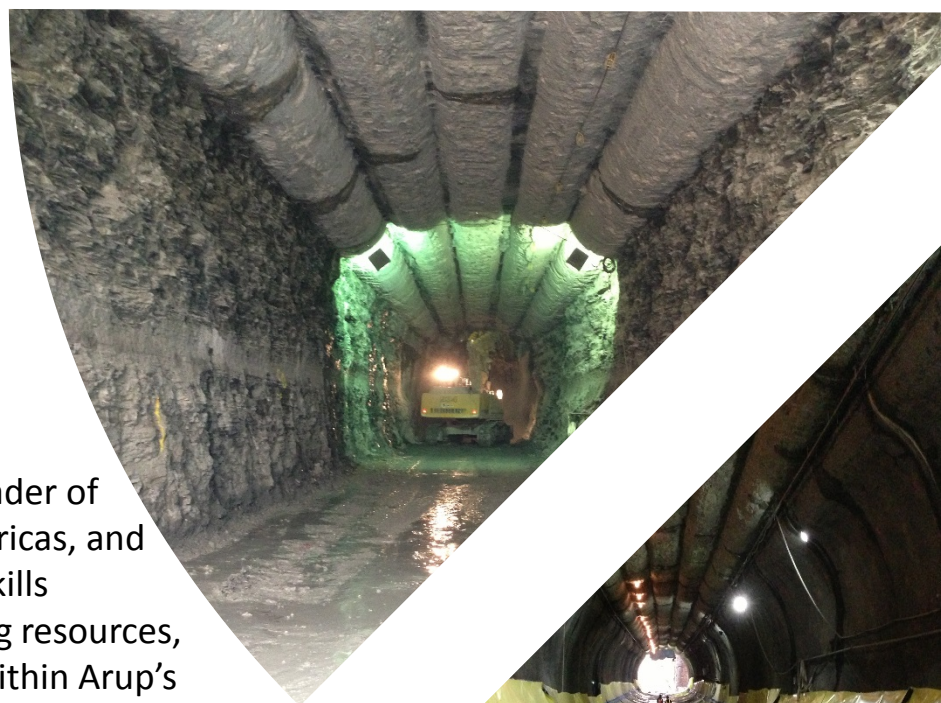
The Billy Bishop City Airport Pedestrian Tunnel in Toronto is the first known underwater pedestrian tunnel to an airport facility in the world. It was constructed in the thinly horizontally bedded Georgian Bay Shale formation characteristic of Southern Ontario, and employed a unique pre-support technique comprised of seven 1.85m diameter interlocking horizontal secant drift bores, each sequentially drilled by tunnel boring machines and backfilled with mass concrete. This presentation will describe the key aspects of the design and construction associated with this groundbreaking tunnel project.

FEBRUARY 21, 12-1 P.M.
BROWN HALL W250



Jon Hurt, PE, CEng MICE, is the leader of Arup's Tunnel Practice in the Americas, and the global leader for the Tunnel Skills Network, responsible for providing resources, training and knowledge sharing within Arup's tunneling community. He is a project manager and tunnel engineer with a wide range of experience in the management,

design and construction of major tunneling projects. Jon is currently the Project Manager for the Department of Energy's Long Baseline Neutrino Facility Far Site project. His experience includes underground construction projects on five continents including High Speed 1 in London New York's Second Avenue Subway and Lake Mead Intake No.3. His other responsibilities at Arup include coordination of the philanthropic program in the Americas and he is a board member at Engineers Without Borders USA. Jon graduated from the University of Cambridge with a degree in Engineering.



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