

STEMTALKS

SPEAKER SERIES 2016

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS IN ACTION

Demystifying STEM

As technology becomes increasingly central to our society and continues to evolve at an accelerating pace, a solid grounding in the STEM subjects is becoming increasingly critical to success in most facets of life. This acceleration of technology is also resulting in an ever broadening range of exciting STEM related career opportunities. It is difficult for students, parents, and educators to keep abreast of these changes so that parents and educators can help represent options and so students are positioned to make informed career decisions. To help address this challenge, Mark Abbott will share his broad perspective on STEM related opportunities by drawing on his twenty years of personal experience in the engineering field and last two years working with a diverse group of leaders/organizations to consider the future of the engineering profession. We will explore questions like:

- *How do Science , Technology, Engineering, and Math relate in the classroom and in the real world?*
- *What are the associated careers and how can I choose between them?*
- *What broader trends in STEM and society should we be aware of?*

Science,
Technology,
Engineering and
Math!

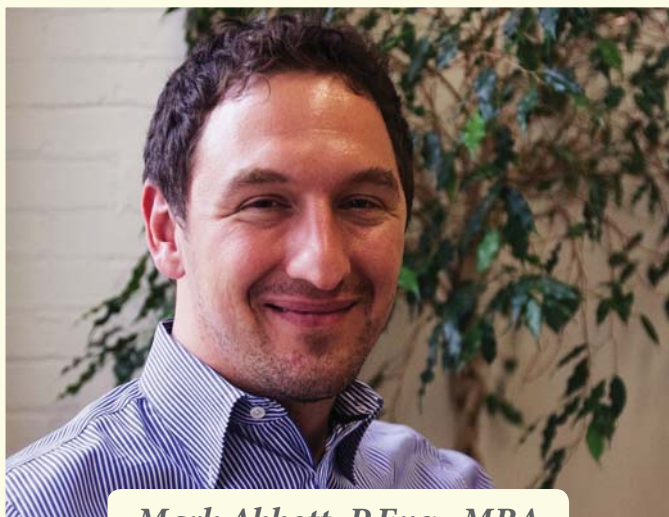
Wednesday, May 25, 2016

7 – 8 pm

Durham District School Board

Education Centre - Room 1011

400 Taunton Road East, Whitby, ON



Mark Abbott, P.Eng., MBA

Mark Abbott currently serves as portfolio manager of Engineer's Without Borders' (EWB's) Engineering Leadership work and the "Animator" of the Engineering Change Lab, which is a platform for collaboration to allow individuals and organizations from across the profession to take action to address the systemic challenges (i.e. ethics failures, lack of diversity, and low levels of innovation) that have been holding back the profession's full potential. The Core Lab Team (which will be convening at this conference!) consists of 40 senior leaders (CEOs, VPs, Deans, Directors) each representing different organizations from across the engineering profession. Previously, Mark served as a member of the Executive Team at Engineers Without Borders for several years. Before joining EWB full time in 2011, Mark spent fourteen years working for a heavy industrial consulting engineering firm based in Vancouver. During this period, he also volunteered for six years with EWB's Vancouver Professional chapter and he was one of the founding members of Fair Trade Vancouver.