

SAVE THE DATE: A seminar with Dr. Ido Roll, The University of British Columbia

ברצוננו להזמין אתכם לסמינר שיתקיים ביום שלישי, ה-18.12.18, בין 9:00-10:30, בחדר הדיונים.

המרצה:

Dr. Ido Rol

The University of British Columbia



נושא ההרצאה:

Beyond ‘faster classrooms’: Using technology to help students become better scientists

תקציר ההרצאה:

The reach of educational technologies is unprecedented in terms of scale and diversity. However, technologies have often had only limited impact on the way we teach, assess, and understand scientific literacies.

In this talk I will describe my work on assessing and supporting inquiry learning and self-regulation. Using examples from the fields of physics, math, and statistics, I will demonstrate how technology that supports exploration and sense-making can help students learn from failures and experimentations. Trace data from environments such as virtual labs allows me to model learning processes and inform theories of inquiry learning.

Last, I will discuss the roles and affordances of such technologies in supporting teachers in the classroom, and identify principles that can help us shift the focus from efficiency to empowerment.

רקע על ד"ר עידו רול:

Ido Roll is the Director of the Institute for Scholarship of Teaching and Learning at the University of British Columbia (UBC). Ido studies how interactive learning environments can support students in becoming better learners and scientists, focusing on the development of scientific literacies, creativity, and sense making. His research is rooted in frameworks and methodologies from education, physics, cognitive science, learning analytics, and human-computer interaction, and his publications in these fields have won numerous awards. Ido was the program chair of Learning at Scale 2016, and a guest editor of the Journal of Learning Analytics and the Journal of Artificial Intelligence in Education. He also leads the Scientific Creativity assessment at PISA. Ido received his PhD from Carnegie Mellon University. www.idoroll.com/: [http!](http://) More can be found on his website,

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