

Session Program

2-7 Jun 2019



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2019 CAP Congress / Congrès de l'ACP 2019

W1-2 Teaching for Physics Skills Development (DPE) | Développement d'aptitudes pour l'enseignement de la physique (DEP)

Simon Fraser University

Wednesday 5 June

10:45

W1-2 Teaching for Physics Skills Development (DPE) | Développement d'aptitudes pour l'enseignement de la physique (DEP)

Session | **Location:** Simon Fraser University, SCC 9051 | **Convener:** Patricia Mitchler

10:45–11:15

Reforming Intro Physics Labs to Focus on Innovation, Creativity, and Scientific Skills

Speaker

Dr Mats Selen

11:15–11:30

Using an embedded expert to redesign physics undergraduate lab curriculum and build an intellectual community

Speaker

Dr Bei Cai

11:30–12:00

Conceptual Understanding Through Visual Reasoning: An Example from Quantum Mechanics

Speaker

Dr Gina Passante

12:00–12:15

Integration and Evaluation of Coding in First Year Integrated Physics and Calculus Courses.

Speaker

Matt Steffler

12:15