

## **Session Program**

**6-11 Jun 2021**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

## **2021 CAP Virtual Congress / Congrès virtuel de l'ACP 2021**

***TS-5 Private Sector Physics Symposium  
(Prof.Affairs/DAPI) / Symposium sur la  
physique dans l'entreprise privée (affaires  
prof./DPAI)***

Underline Conference System

# Monday 7 June

11:00

## TS-5 Private Sector Physics Symposium (Prof.Affairs/DAPI) / Symposium sur la physique dans l'entreprise privée (affaires prof./ DPAI)

**Session** | **Location:** Underline Conference System | **Convener:** Daniel Cluff

11:00-12:00

### (I) Breaking the Myth of the "Non-Traditional Physicist": The Real Story about Employment for Physics Graduates

**Speaker**

Crystal Bailey

12:00-12:30

### (I) Artificial Intelligence for Customer Care

**Speaker**

Melissa Valdez

12:30-13:00

### (I) Perspectives on Applied AI and Machine Learning

**Speaker**

Chad Bryant

13:00-14:00

### 1 hour break

14:00-14:30

### (I) Cryogenics in Mining, Deep Mine Cooling By Converting The Heat To Electricity.

**Speakers**

Daniel Cluff, Sujit Sengupta

14:30-15:00

### (I) The winding road from a degree in physics to the development of leading-edge optical sensors

**Speaker**

Denis Dufour

15:00-15:30

### (I) Using a Physics Education to Communicate Science to Society

**Speaker**

Al Scott

15:30-16:00

### 30 minute Break

16:00-17:00

### Panel Discussion : Career Opportunities in Physics - What to do Next? / Opportunit s de carri re en physique - Quel chemin prendre?

17:30