



Contribution ID: 929

Type: **not specified**

Education in Physics: Igniting passion for physics: students, teachers and academics

Thursday 15 December 2022 11:00 (1h 30m)

Format: 15 minutes Talks from experts in the field + Q&A. University professors & high school teachers

Description: Excitement in Physics is infectious, and it draws people in. For example, Paul Hewitt became known for his passionate and fun way advocating for physics and inspiring many students. Dianna Cowern, an MIT graduate, became a YouTuber known as 'Physics Girl'. Brian May, the league guitar player for the band Queen and a Ph.D. in Astrophysics, worked in interstellar gases, measured the rate of the rotation of galaxy.

How can we as teachers become passionate and how can we inspire our students?

Presenters:

1. A. Prof Trevor Harris - PhD FAIP - The University of Adelaide
2. Prof. Derek Abbott - Electrical and Electronic Engineering - The University of Adelaide
3. Zahra Pirvali –STEM coordinator and Senior Physics teacher at University Senior College, The University of Adelaide
4. Prof. Eva Bezak - Medical and Nuclear physics - University of South Australia

https://www.sasta.asn.au/blog/2022/11/15/24th_australian_institute_of_physics_congress

Session Classification: SASTA