

Developing 14-18 Year Old's Interest and Participation in Physics by Training them to Deliver Outreach to Primary School Children

Friday 19 July 2024 16:45 (18 minutes)

The physical sciences can struggle to engage teenagers, sometimes being perceived as complex or daunting. To combat this, Badminton School developed its 'Science Outreach' programme enabling students to deliver liquid nitrogen based shows in 25 schools each year and at national events such as WOMAD, the UK Big Bang and the Northern Ireland Science Festival, appearing on these events' main programmes. Science Outreach encouraged practical work through participation in exciting demonstrations, kept students involved in science as they became more able to deal with the abstractions of Physics, and developed valuable communication skills. Meanwhile their primary school audiences were inspired by engaging presenters who were just the right age to be perfect role models.

This session describes how the programme developed, gives insight into how similar models can be adopted, and will hear from some Science Outreach graduates discussing the positive effect it had on their further education.

Alternate track

I read the instructions above

Yes

Author: WILLIAMS, David (University of the West of England)

Co-author: Ms YEUNG, Christy (The University of Hong Kong)

Presenter: WILLIAMS, David (University of the West of England)

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