



# 2021 Senior Physics Day (online)

Tuesday, 16 November (Term 4 Week 7)

## Draft Program

- 8.30am** **Zoom Link Opens** with musical entertainment
- 9am** **Welcome & Housekeeping** Dr Gurion Ang, UQ School of Biological Sciences
- 9.10am** **STAQ Opening Address** Dr Mary Rafter, President, STAQ
- 9.20am** **Physics Majors & Teaching Physics at UQ** Professor Matt Davis, UQ School of Mathematics & Physics
- 9.40am** **Quick Break**
- 9.45am** **Key Concepts from Unit 4: Relativity, Quantum Theory, and The Standard Model (Part 1)** Associate Professor Ian McCulloch, UQ School of Mathematics & Physics
- 11am** **Break**
- 11.30am** **Key Concepts from Unit 4: Relativity, Quantum Theory, and The Standard Model (Part 2)** Associate Professor Ian McCulloch, UQ School of Mathematics & Physics
- 12.30pm** **Lucky Draw** presented by STAQ
- 12.40pm** **Break**
- 1.15pm** **Uncertainty Analysis** Dr Margaret Wegener, UQ School of Mathematics & Physics
- 2.15pm** **Junior Physics Odyssey** Dr Joel Corney, UQ School of Mathematics & Physics

**2.25pm** **Effective Strategies for Engaging Students in Revision**

Paul Batchler, Cavendish Road State High School

**3.05pm** **Closing Statements and Study Skills Showcase**

Dr Gurion Ang, UQ School of Biological Sciences & Physics Undergraduate Students

## Registration

Please visit the Professional Development page on the STAQ website <https://www.staq.qld.edu.au/pd-events/professional-development/> to register.

## Zoom

The 2021 Senior Physics Day will be livestreamed using Zoom.

Zoom links and more detailed joining instructions will be sent to you as event reminders via the email you provide upon registration.

Please note that EQ servers may block the use of Zoom. It is recommended for you to attend the 2021 Senior Physics Day from home or in a host non-EQ school.

Sessions are recorded and will be provided to registrants within a week of the conference.