



## AGENDA DETAIL

### Forum: Leading STEM in Primary and Secondary Schools 12.45 pm to 1.45 pm

The Governor's School STEM Awards recognise principals and leadership teams in developing their schools' STEM education programs. STAWA has invited four Governor's School STEM Award-winning principals and key leaders from their school to form a panel. Each panel member will give a **five-minute** presentation outlining:

- **why** having STEM as a school priority is important to them and their school community
- **how** STEM activities were initiated and supported in their school
- **what** are the tangible benefits of their STEM program for students and staff.

Facilitated by Professor Mark Hackling. Questions from the floor will be taken following the presentations.

### Four Concurrent Workshops 2.15 pm to 4.00 pm

#### Session 1: Primary Science

Lead by Mady Colquhoun, Science Specialist, Armadale Primary School, this workshop examines the running of a whole school science program and will:

- Discuss collaborative approaches to identify and deal with the unique challenges primary school science and STEM specialists face,
- Formulate guidelines for primary science specialists and line managers/administration to assist in smooth transitioning into the role,
- Inform laboratory organisation, safety, storeroom operations and the seeking of assistance.

#### Session 2: Psychology

Workshop the new ATAR course content (eg. Attribution Theory) and areas of concern, confusion or contention in the understanding and research methods sections. This will be led by the STAWA Psychology committee members, Chaired by Emily Goforth.

#### Session 3: Exploring a more adaptive General Integrated Science course

STAWA has been invited to explore ways of providing an Integrated Science course that will have greater flexibility and wider appeal. Glenda Leslie, STAWA President will lead a discussion about how the rich, highly engaging science units of the past and Certificate IIs can be incorporated into science for senior secondary students under the current structure.

#### Session 4: Getting started with STEM - Secondary

Several schools that currently have significant STEM-related activities occurring in their schools will tell their STEM stories, including the successes, the pitfalls and the outcomes. Following this, other participants will be invited to share their school's experiences. The session will be recorded and notes made available through SCIOS and the STAWA website.