



## **AARNet Electronic Communications Award**

Two \$100 Awards for both K-6 and 7-12 students in each of the STEM categories:  
Working Scientifically, Working Technologically & Working Mathematically

Students in NSW schools carry out investigations or inventions as part of their school's science, technology or mathematics programs. The Young Scientist categories and judging rubrics are designed to support the processes of Working Scientifically, Working Technologically and Working Mathematically in the respective NSW syllabuses.

AARNet is proud to be a sponsor of the 2018 STANSW Young Scientist Awards and we are providing a total of \$1,200 in prizes for projects incorporating the best use of electronic communications. AARNet is widely regarded as the founder of the Internet in Australia and renowned as the architect, builder and operator of world-class network infrastructure for research and education.

We connect over one million users—researchers, faculty, staff and students—at institutions across Australia, supporting education across the life-long learning spectrum and research across a diverse range disciplines in the sciences and humanities, including high energy physics, climate science, genomics, radio astronomy and the arts.

**2017 Winners of the AARNet Communications Award** were presented their awards by Christine Le, Telecommunications Engineer Infrastructure Development:

**Eq.1st: Primary: Luke Albrecht, St John Bosco Catholic Primary School Engadine, *Automatic Dog Feeder***

Luke successfully built an automatic dog feeder with a timer that was also weatherproof and dog proof. It could be programmed to dispense food to his dog Georgie, preventing her from getting hungry and annoying the neighbours by barking before Luke returned from school. He used an arduino and servo motors to distribute the correct portion size every 12 hours.



*Luke Albrecht with AARNet's Christine Le*