

## Awards of my students

1. Former PhD student Hang Su (completed in 2021) received the 2022 Post Graduate Thesis Award Runner-Up for his PhD thesis from Railway Technical Society of Australasia.
2. My former PhD student Dr Taposh Roy (completed in 2019) received ANSTO's Neutron and Deuterium Impact Awards for his residual stress investigation at ANSTO during his PhD study.
3. Our team received the 2020 Sir George Julius award from College of Mechanical Engineers Board, Engineers Australia, for the paper: Quan Lai, Ralph Abrahams, Wenyi Yan, Cong Qiu, Peter Mutton, Anna Paradowska, Mehdi Soodi, Xinhua Wu, 2019. Influences of depositing materials, processing parameters and heating conditions on material characteristics of laser-cladded hypereutectoid rails. *Journal of Materials Processing Technology* 263, 1-20.
4. My former PhD student Dr Quan Lai (completed in 2019) received the 2020 Post Graduate Thesis Award for his PhD thesis from Railway Technical Society of Australasia with a cash prize of \$5,000
5. Dr Daniel Aggromito has won the Post Graduate Category for the (Society of Automotive Engineers–Australia) SAE-A's 2017 Mobility Excellence Awards for this PhD work entitled: *Effect of Lumbar Spine Assemblies and Body-Borne Equipment Mass on Anthropomorphic Test Device Responses during Drop Tests*.
6. PhD student Hang Su received a three-year top-up scholar with the total amount of \$21,000 from Rail Manufacturing CRC in 2017
7. PhD student Taposh Roy received the best presentation award at 19th International Conference on Railway Engineering, September 21-22, 2017, London, UK.  
*"Effect of Cladding Direction on Residual Stress Distribution in Laser Clad Rails"* By Taposh Roy, Anna Paradowska, Ralph Abrahams, Quan Lai, Michael Law, Peter Mutton, Mehdi Soodi, Wenyi Yan
8. The following work carried out by PhD student Santanu Paul received the Outstanding Paper Award at the 44th North American Manufacturing Research Conference (NAMRC) at Virginia Tech in June 2016.  
*"Thermal Model for Additive Restoration of Mould Steels using Crucible Steel"* by Santanu Paul, Ramesh Singh and Wenyi Yan

9. My former PhD student Dr Jerome Pun (completed in 2015) received the 2016 Post Graduate Thesis Award for his PhD thesis from Railway Technical Society of Australasia with a cash prize of \$10,000.

His PhD thesis title is: *Plastic Deformation Behaviour of High Strength Rail Steels in Heavy Haul Railway Systems*.

10. My former FYP student Mr Matthew Kwong (completed in 2015) received the 2016 Railway Engineering Student Thesis Award for his FYP thesis from Railway Technical Society of Australasia with a cash prize of \$4,000.

His final year project thesis title is: *Simulation of Railway Wheel Wear Behaviour of Driven and Passive Wheelsets Using Universal Mechanism*.

11. My former FYP students Mr Robert Michaels (First prize winner) and Mr Jamie Haider (third prize winner) received two of the total three Best AutoCRC Final Year Projects awards in 2008.