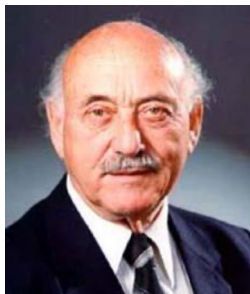# B.H. Neumann Prize 2021

"The B.H. Neumann Prize is awarded for the most outstanding talk presented by a student at the Annual Meeting of the Australian Mathematical Society."

Bernhard Neumann
(1909 - 2002)

- ▶ Born in Berlin
- ▶ Emigrated to England in 1933
- ▶ Moved to Australia in 1962 as a Professor at ANU
- ▶ Strongly engaged in promoting and improving Australian Maths
- ▶ Served as the President and three time VP of AustMS
- ▶ Established the Bulletin of the Australian Maths Society

2021 Stats

- This year we had 84 student talks
- Compare with 88, 71, 61, 41, 52, 46, and 55 student talks in preceding years
- Committee of 17 academic volunteers attended the talks
- Each student talk was attended by at least one committee member
- Opinion of session organisers and other experts were also solicited

Honourable Mentions

In alphabetical order:

Bethany Caldwell, *(UniSA), Optimisation*
"Splitting and projection methods for control-constrained linear-quadratic optimal control problems"

James Stanfield, *(UQ), Geometry with Symmetries*
"Positive Hermitian curvature flow on nilpotent and almost-abelian complex Lie groups"

Alan Stoneham, *(UNSW), Noncommutative Geometry and Operator Algebras*
"A generalisation of the spectral theorem for normal operators"

Giacomo Tendas, *(Macquarie University), Algebra*
"On continuity of functors between locally presentable categories"

The winner of the 2021 B.H. Neumann Prize

Joshua Ciappara, *(University of Sydney)*
Representation Theory
"Hecke category actions via Smith–Treumann theory"