

### D3 Details of non-ARC contributions

#### Personnel - CI Zanin (UNSW)

CI Zanin is currently employed as a senior lecturer at UNSW, with 40% research, 40% teaching, and 20% administration. Under the Future Fellowship, CI Zanin would change to 80% research, 20% administration, allowing for 40% of his time to be dedicated to the proposed project, with another 40% dedicated to a current ARC Discovery Project (DP230100434). The funding would cover CI Zanin's base salary at UNSW Level C5 as of January 1 st 2024, including 29.42% on-costs. This would be \$206,818 in years 1 to 4.

#### Travel

Conferences form an essential part of the dissemination and communication of new results and research. Attending international conferences are also fundamental for PGRs, both to establish their profile as young researchers, and to allow them to see the state of the art in the field. Moreover, conferences serve as a platform to establish new collaborations, as well as to engage in face-to-face discussions with other researchers. This interaction allows for both the refinement of existing results, and the further development of new techniques and ideas.

UNSW School of Mathematics and Statistics will provide a supplementary 10,000 AUD in each of years 1 – 4 for travel expenses.

All travel costs are estimated from previous experience and web travel sites such as Google Flights and Booking.com. However, the uncertainty resulting from the ongoing COVID-19 pandemic may lead these numbers to change.

#### Year 1: (Total 10,000 AUD)

*Conference visit to the US* (Great Plains Operator Theory Seminar) Visit with PGR student. (2 people)

Airfare Sydney-US Return: AU\$2500 x 2 (AU\$5000)

*Conference visit to the Netherlands* (International Workshop on Operator Theory and its Applications) Visit with PGR student. (2 people)

Airfare Sydney-Netherlands Return: AU\$2500 x 2 (AU\$5000)

#### Year 2: (Total 10,000 AUD)

*Conference visit to the US* (International Congress of Mathematicians) Visit with PGR student. (2 people)

Airfare Sydney-US Return: AU\$2500 x 2 (AU\$5000)

*Conference visit to France* (Mathematical aspects of the physics with non-self-adjoint operators) Visit with PGR student. (2 people)

Airfare Sydney-France Return: AU\$2500 x 2 (AU\$5000)

#### Year 3: (Total 10,000 AUD)

*Conference visit to Canada* (Canadian Operator Theory Seminar) Visit with PGR student. (2 people)

Airfare Sydney-Canada Return: AU\$2500 x 2 (AU\$5000)

*Conference visit to France* (Franco-american conference in analysis and PDE) Visit with PGR student. (2 people)

Airfare Sydney-France Return: AU\$2500 x 2 (AU\$5000)

#### Year 4: (Total 10,000 AUD)

*Conference visit to the US* (Annual Spring Institute Noncommutative Geometry and Operator Algebras) Visit with PGR student. (2 people)

Airfare Sydney-US Return: AU\$2500 x 2 (AU\$5000)

*Conference visit to Austria* (Operator Theory and Approximation) Visit with PGR student. (2 people)

Airfare Sydney-Austria Return: AU\$2500 x 2 (AU\$5000)

Travel costs are calculated using estimates of present-day domestic and international economy airfares, accommodation and a modest per-diem allowance. These figures add up to AU\$40,000 over Years 1-4.