



Mathematics Teachers' Association
of the Northern Territory Inc.
PO Box 40202
Casuarina NT 0811
ABN 38 575 028 403

MTANT is an Affiliate of The Australian Association of Mathematics Teachers Inc.

MathsMeet Conference 2017

Join members of the NT Maths community for a range of exciting presentations about the teaching of Mathematics with keynote presenter

Dr Amie Albrecht from UniSA



Alice Springs: Monday 10 April at Centralian Senior College, Grevillea Drive
Darwin: Tuesday 11 April at NT School of Distance Education, Atkins Drive,
The Gardens with a short AGM

Tea and coffee from 8 am, for a 9 am start.

Limited travel funds available. Please retain all receipts.

Complete your registration via the weblink at <http://tiny.cc/rsvp-ntant> and completion of the Conference Registration and payment via credit card or EFT.

Are you doing something exciting or unusual in your classroom that you'd be prepared to share with others? **We would love you to present a session to share your ideas. 55 minute sessions available. Twitter #MathsMeet17**

Conference Registration Costs

Current Member (Individual)	\$85	Conference Fee
Institutional Member (up to 4 teachers)	\$85/teacher	Conference Fee
Non-members (Individual)	\$145	Complete a membership form
Non-members (Institutional)	\$100 + \$85/teacher	Complete a membership form
CDU Student	\$85	Complete a membership form (free)

President: John Bament 0432 676503 john.bament@ntschoools.net
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Amie Albrecht bio

Dr Amie Albrecht is a Senior Lecturer at UniSA, based in the School of Information Technology and Mathematical Sciences and a researcher within the Centre for Industrial and Applied Mathematics.

The underlying theme that connects Amie's research, teaching and engagement is 'mathematics in action'. Her research is motivated by practical industry-inspired challenges, mainly in Operations Research with applications to transport problems. Her research has been funded by the Australian Research Council Discovery and Linkage schemes, and the Cooperative Research Centres initiative.

Amie is a high-quality teacher who is particularly interested in developing mathematical thinking and problem-solving skills. She aims to inspire and equip pre- and in-service teachers to incorporate authentic mathematical practice in their classrooms.

An enthusiastic science communicator, Amie is regularly invited to work with students, teachers and the broader community through presentations, workshops and activities. Amie is a high profile presenter to classroom teachers, sharing practical, accessible and unusual mathematical ideas that are very easy to implement in the classroom, that provoke deep, rigorous mathematical thinking by students and teachers. She loves connecting with classroom teachers, and is a popular presenter at Maths conferences across Australia. In 2015, Amie gave the *Hanna Neumann Memorial Lecture* at the AAMT Biennial Conference in Adelaide.

Apart from skiing on steep slopes, Amie is passionate about kids loving Maths, teachers loving teaching of Maths and encouraging girls to pursue maths and empirical sciences. Amie is prolific on Twitter as @nomad_penguin.

Title: Developing mathematical thinking for 'real world' and 'real work' problems

Abstract: It is widely acknowledged that our students need more than technical proficiency for further study and work. These broader capabilities include: critical thinking, creativity, collaboration and communication (including interpersonal skills) — known as the 'Four Cs' — along with formulating problems, devising and implementing solution approaches, and assessing the quality of different solutions. How do we develop these skills in a mathematical setting?

For both professional and learner mathematicians, these skills are most often used and developed when solving 'real world' problems. In this talk I'll give examples from my work in Operations Research, ranging from efficient train operations to scheduling solar taxis for expectant mothers in Africa.

Stimulating problems will also be canvassed from the 'fake world' which also require 'real work'. Experiences from teaching a course designed to build mathematical thinking and problem-solving skills in pre-service teachers through games and puzzles will be drawn upon.

MTANT MATHS MEET 2017 REGISTRATION FORM / TAX INVOICE

Mathematics Teachers' Association of the Northern Territory Inc.
 PO Box 40202, Casuarina NT 0811 ABN 38 575 028 403 Email: contact.mtant@gmail.com
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Fax or email to Matt Skoss: Fax: 08 8362 9288 Email: matt.skoss@ntschoools.net

Surname:	Given Name:
Preferred Name on Name Badge:	Current Position / School:
Preferred Mailing Address:	Telephone Contacts Mobile: After Hours:
Fax Number:	Preferred Email Address:
Signature of Applicant: _____ Date: _____	

- Yes, I am interested in presenting a paper or workshop at Maths Meet 2017
- Special dietary needs:

Registration Costs	Cost
Conference Fee: <input type="checkbox"/> Current MTANT Member \$85 <input type="checkbox"/> Current Institutional Member \$85 per teacher No. teachers: _____ <input type="checkbox"/> Individual non-member \$145 (complete 2017 m'ship form) <input type="checkbox"/> Institutional non-member \$100 + \$85 per teacher (complete 2017 Institutional m'ship) No. teachers: _____ <input type="checkbox"/> CDU Student \$85 (incl. 2017 free membership)	
A 2017 MTANT Membership form is attached. Yes/No	
Total	

Method of Payment

- I enclose a cheque /money order made payable to MTANT Inc.
 Post to: MTANT Inc, Attn: Matt Skoss, PO Box 40202, Casuarina NT 0811
- I have completed an Electronic Funds Transfer to EFT to MTANT Inc.
 BSB: 065903 A/C: 00902489 Remittance advice to matt.skoss@ntschoools.net with
 MathsMeet2017-Surname-Name on EFT transfer.
- I intend to pay cash on the day of the conference.
- Please charge the following credit card (circle): VISA MASTERCARD

Card No:

Expiry Date: / Cardholder's Name: _____

Signature: _____ Date: _____