



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 2018

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

**Simultaneous conferences in Darwin and Alice Springs
on the evening of Friday 18th May and all day Saturday 19th May**

Centralian Senior College, Grevillea Drive, Alice Springs

O'Loughlin Catholic College, 70 Mueller Rd, Karama

Alice Springs Conference
Emeritus Prof. Peter Sullivan
Monash University



Darwin Conference
Joel Speranza
Ormiston College, Brisbane



Friday evening: 5:00 pm registration & finger food; Opening 5:45 pm; Keynote 6:00-7:30 pm, followed by Happy Hour

Saturday: Tea and coffee from 8:30 am, for a 9 am start, through to 4 pm

**Limited travel funds available for MTANT individual members. Indicate when registering if you will apply. **

Complete your registration and payment via credit card or EFT via the weblink at <http://tiny.cc/rsvp-mtant> or via the attached form.

Please circulate this conference flyer to your colleagues.

Are you doing something exciting or unusual in your classroom that you'd like to share with others?

We would love you to present a session to share your ideas. 55-minute sessions available.

Register your session via the weblink above.

Twitter #MathsMeet18

Conference Registration Costs

Current Member (Individual)	\$90	Conference Fee
Institutional Member (up to 4 teachers)	\$90/teacher	Conference Fee
Non-members (Individual)	\$150	Complete a membership form
Non-members (Institutional)	\$100 + \$90/teacher	Complete a membership form
CDU Student	\$65	Complete a membership form (free)

President: John Bament 0432 676503 john.bament@ntschoools.net
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MathsMeet 2018 Keynote Speakers

Alice Springs

Peter Sullivan is Emeritus Professor of Education, Monash University. He has extensive experience in research and teaching in teacher education. He was a member of the Social, Behavioural and Economic Sciences panel of the Australian Research Council College of Experts from 2005 to 2008, and was an editor of the Journal of Mathematics Teacher Education for 8 years. He is a past President of the Australian Association of Mathematics Teachers and was the lead writer of the Australian Curriculum: Mathematics.

Peter is used to asking some big questions concerning how young people learn: What tasks are effective in mathematics teaching and how can a teacher best use those tasks? What motivates students to do well? What are the characteristics of an effective classroom and how do students respond?

'We're combining these questions to look at what sort of things teachers can do to encourage students to try hard and persist. What kinds of tasks are challenging and engaging for students and encourage them to work hard? Also, ways teachers can support students in doing the challenging tasks, so as to build the type of learning that we're looking for.'

Techniques that Peter has found to be particularly useful for teaching have been exercises where students have to make decisions, have to connect two or three ideas together, can use different strategies to find the answer, and can find several different answers.

Title of keynote presentation: The essential elements of lessons that include all students in building understanding, solving problems and reasoning mathematically.

Abstract: There is widespread agreement that student driven inquiry approaches can assist students in building understanding, solving problems and reasoning mathematically.

But to ensure that all students are included in the learning opportunities, specific teacher actions are needed and lessons can best be structured in particular ways.

This presentation uses examples of challenging mathematics learning experiences to illustrate the key elements of such teacher actions and mathematics lessons

Darwin

Joel Speranza is an award-winning teacher from Ormiston College, Brisbane where he has a role as Head of Maths. He hosts four YouTube channels, has been named an Advanced Queensland Community Digital Champion and has attracted international attention about his style of teaching. In his school role, Joel is "leading the charge" in Queensland in Flipped Learning, which is changing the face of teaching in the classroom. He was recently named as one of 12 Global Flipped Learning Master Teachers. He has a passion for sharing innovative teaching techniques and leadership in the use of digital.

For Joel, great teaching means talking less and allowing students to learn at their own pace. He says differentiation takes care of itself in Flipped Learning, in which students watch video lessons online for homework, and then spend time in class working on what they are having trouble with or extending themselves.

Today, the mathematics, ICT and accounting teacher enjoys helping students to realise they are in charge of their own learning and is introducing his colleagues to different digital technologies they can use in the classroom.

Joel has filmed more than 700 video lessons, and generously shares his ideas via <http://joelsperanza.com> .

Title of keynote presentation: From Talkies to YouTube, The Power of the Moving Image Finally Realised

Abstract: Since the first "Talkie" premiered in movie theatres 90 years ago, there has been a promise that moving pictures would revolutionise education. While Carl Sagan and David Attenborough have inspired millions with their documentaries, this promise has gone unfulfilled.

This presentation will share strategies for flipping your classroom, and showcase the workflow to achieve this.

MTANT MATHS MEET 2018 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
 MTANT Inc. is not registered to collect GST

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 2018
- Special dietary needs indicated in survey

Registration Costs	Cost
Conference Fee: <input type="checkbox"/> Current MTANT Member \$90 <input type="checkbox"/> Current Institutional Member \$90 per teacher No. teachers: _____ <input type="checkbox"/> Individual non-member \$150 (complete 2018 m'ship form) <input type="checkbox"/> Institutional non-member \$100 + \$90 per teacher (complete 2018 Institutional m'ship) No. teachers: _____ <input type="checkbox"/> CDU Student \$65 (incl. 2018 free membership)	
A 2018 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 **MathsMeet2018-Surname-Name** on EFT transfer.
- Please charge the following credit card (circle): VISA MASTERCARD

 Card No:
 Expiry Date: / Cardholder's Name: _____

 Signature: _____ Date: _____
- I intend to apply for travel assistance. **Note:** Available to MTANT individual members only, *and* receipts will need to be sent in.)