



NEWSLETTER #1, WEDNESDAY, JULY 26TH

Welcome to Cairns and the 30th International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC XXX)!

ICPEAC 2017 started on a high note, with cockatoos, crocodiles and didgeridoos at the reception. (See overleaf for photos!)

Student Tutorials

ICPEAC 2017 kicked off with the first of the Student Tutorial Lectures by Barry Schneider, who took us back to the early development of computational techniques for studying atomic and molecular structures, and progressing through to modern algorithmic approaches.

He was followed by Thomas Pfeifer, with a talk on the impact of strong laser fields on the spatial and spectroscopic characteristics of atoms and molecules.

The final talk by Chris Greene discussed multichannel quantum defect theory (MQDT), used to describe the low angular momentum states of an alkali-metal atom, and the expansions for describing atomic and molecular Rydberg states, to examine complex resonances and the Fermi pseudopotential.



Barry Schneider presenting the first tutorial session.



Weekend Tours

The Tour Desk will be open from 8am daily. Get in quick to book yours!



Spotlight on Community Support

ICPEAC is supporting the community with these beautiful Filipino hand beaded conference tags. These were handmade by young women at the Good Shepherd Drop-In Centre in Cebu, who were in the past trafficked into the sex trade. These Trading Circle conference tags will help empower these women to escape poverty.



Conference App for Android & Apple!

The ICPEAC 2017 Conference App is available for both Android and Apple/iOS devices at:
<http://icpeac30.edu.au/scope.php>.

Enter icpeac2017 as the conference code and sign in using your email address.



Jackson Bailey (above).

Official Welcome & Welcome Reception

The official welcome was conducted by Robert Sang, with Henrietta Mattie and Carl Maroon Fourmile representing the Gimuy Walubara Yidinji people.

Also putting in an appearance were two white cockatoos, and a baby crocodile from Hartley's Crocodile Adventures.



Renu Kumar (above).



Marcelo Amrbosio, Lilan Ellis-Gibbins & Ellie Egan (right).

Welcome to Country

The Welcome to Country is an important Australian cultural practice, in which we acknowledge the Aboriginal and Torres Strait Islander peoples as the traditional custodians of the land, and seek their permission to enter their territory.

Smoking Ceremony

The smoking ceremony is an ancient ritual conducted by Australian Aboriginal and Torres Strait Islander peoples. Native plants believed to have cleansing properties are smoked to ward off evil spirits and bad omens. The ceremony serves both as a way to welcome you to country but is also an important way to get rid of the bad energy and welcome the good energy at the same time.

Yesterday's smoking ceremony was performed by Hendrick Fourmile, representing the Gimuy Walubara Yidinji people.

Weather for the next few days

	Wed 26 th	Thurs 27 th	Fri 28 th
	Mostly cloudy. Medium (50%) chance of showers.	Cloudy. 60% chance of showers.	Cloudy. Medium chance of showers (40%).
Max	26 °C	26 °C	27 °C
Min	19 °C	19 °C	20 °C
UV Index	8- Very High	9- Very High	8- Very High



Traditional welcome to country by the Fourmile family.