



Australian Acoustical Society

A.C.N. 000 712 658

WESTERN AUSTRALIA DIVISION

ABN: 28 000 712 658

The AAS WA Division invites you to the

2018 State Seminar & AGM

Wednesday October 17

Swan Yacht Club
Riverside Rd, Preston Point, East Fremantle 6158
Google Maps: [XQF7+54](#)



This all-day event is a great opportunity for the acoustics professional community to hear about recent work and to catch up in a relaxed atmosphere.

Attendees of this professional development event will include consultants, industry, academia and government.

See page 2 of this flyer for draft program details. Page 3 contains details on how to get there.

Spaces are limited. If you plan on attending, please RSVP by close of business Thursday October 11 to wa-techconvenor@acoustics.asn.au.

Entry fees for the day including lunch, tea breaks and refreshments (GST incl.):

AAS Members:	\$30
Non-members:	\$60
Students:	\$25 Free
Presenters:	Free

Draft program

(subject to change: check the AAS [website copy of this flyer](#) for the latest version)

Time	Dur.	Topic	Presenter
8:30 am		Registration, welcome and coffee	
9:00 am	20 min	HearSmart project, patron noise exposure in music venues in Victoria	<i>Jos Mulder, Lecturer in Sound, Murdoch University</i>
9:20 am	20 min	Surf Wave Parks - Assessing the Sound of Fun	<i>Shane Chambers, UWA</i>
9:40am	20 min	Sounding out Shipwrecks, Seeps and (snapping) Crocodiles	<i>Miles Parsons and Iain Parnum</i>
10:00 am	20 min	Satellite to Underwater Acoustic Communications Gateway for Submarine Search and Rescue with Communications using Underwater Ultrasonic Wireless (CUUUWi)	<i>Michael Caley, L3 Oceania</i>
10:20 am	15 min	Modelling the vibration response of a laminated beam based on equivalent material properties	<i>Peter Du</i>
10:35 am	25 min	Morning tea and networking	
11:00 am	15 min	Fin whale (<i>Balaenoptera physalus</i>) migration in Australian waters using passive acoustic monitoring	<i>Meghan Aulich, Curtin University</i>
11:15 am	15 min	Working towards understanding the calling behaviour of the eastern Indian Ocean Pygmy Blue Whale and how their calling can be used to census the population	<i>Capri Beck, Curtin University</i>
11:30 am	15 min	Modelling the vibration response of disk-type windings in power transformers	<i>Lingzhi Li, Zhejiang University</i>
11:45 pm	20 min	Perth Stadium – key acoustic design challenges and solutions	<i>Ben Wilson, MDA</i>
12:05 pm	25 min	AAS WA AGM , call for committee members, sponsorship ideas Noise map initiative – updates and vote on WA division funding the further development of a proof of concept	<i>AAS Chair Terry George / Luke Zootjens</i>
12:30 pm	60 min	Lunch	
1:30 pm	30 min	Workshop on SPP5.4 – discussion on policy development and future issues	<i>Terry George / Luke Zootjens</i>
2:00 pm	20 min	Workshop on Mainroads WA noise assessment factsheet	<i>Ben Wilson, MDA</i>
2:20 pm	15 min	Nonlinear active noise control for a system with a nonminimum-phase secondary path	<i>Liping Zhu, UWA</i>
2:35 pm	15 min	Extracting vibration signal from measured data polluted by thermal noise using a Kalman filtering technique	<i>Bin Wu, Zhejiang University</i>
2:50 pm	20 min	Afternoon tea	
3:10 pm	20 min	A new rapid and economical technique for absolute hydrophone and microphone calibration for optimal performance of large multichannel acoustic arrays	<i>Shane Chambers, UWA</i>
3:30 pm	30 min	Workshop on entertainment noise management and planning policies	<i>Miguel de la Mata SLR Consulting</i>
4:00pm		Close, and drinks in the beer garden	

Getting there

Entrance is off [Riverside Road](#).

All day parking is available at the venue.

Bus stop number 12211 is nearest, via services 158 and 31 from the Elizabeth Quay Bus Station.

