

W28: Structural Interpretation of NW Shelf Sedimentary Basins

Coordinator(s)	Chris Elders
Date(s)	Fri, Sep 06
Time	08:45 - 16:45
Location	Crown Perth
Summary	This workshop will examine the wide variety of structural styles exhibited by sedimentary basins on the North West Shelf of Australia through hands-on interpretation of seismic data and consider the implications for our understanding of the evolution of these basins.

Schedule*

<u>Topic</u>	<u>Exercises</u>
<u>Session 1</u>	
Basement involved faults	Paleozoic fault systems in the N Carnarvon & Roebuck Basins What moved in the Fitzroy Movement?
<u>Session 2</u>	
Domino style faults; rift related uplift	Mesozoic fault styles Jurassic sedimentary response
<u>Session 3</u>	
Fault propagation, 3D geometries of rifts	Exmouth Plateau fault patterns Fault-related folding
<u>Session 4</u>	
Continental break-up	Enigmatic Valanginian structures
Passive margin compressional structures	“Arches” and Inverted faults
Summary: Tectono-stratigraphic evolution of the Carnarvon & Roebuck Basins	

Terms and conditions

* Schedule subject to change

Workshops will proceed only if minimum numbers are reached, should a workshop be cancelled that you have paid and registered for, you will be notified and refunded the full amount. Should you wish to cancel a workshop, standard registration cancellation policy applies. Please refer to the AEGC conference website for registration cancellation policy and for further details on registration information <https://2019.aegc.com.au/>