

# 1<sup>st</sup> ANZ Mass Spectrometry School: Preliminary Program\*

*\*Some content may be subject to change. Check-in, Opening & Check-out times will not change.*

**Fundamentals**      **Applications**      **Other**  
**Meals included with registration cost unless otherwise noted**

## Day 1 Thursday July 6, 2023

Session	Time	Topics/Info
CHECK-IN	From 14:00	<a href="https://www.wollongongtouristparks.com.au/bulli/">https://www.wollongongtouristparks.com.au/bulli/</a>
Opening	15:30 - 16:00	Welcome & Scope
Keynote 1	16:00 - 16:30	MS Instrumentation: Historical Context
Practical	16:30 - 18:00	Total Ion Competition: compete in small groups to make & detect ions!
DINNER	18:00 – 19:30	

## Day 2 Friday July 7, 2023

Session	Time	Topics
Tutorial 1	8:30 – 9:30	Overall MS Applications
Tutorial 2	9:30 – 10:30	Chromatography: LC/GC
Tea break	10:30 – 11:00	
Tutorial 3	11:00 – 12:00	Making ions: Ion sources; EI/CI, ESI/APCI
LUNCH	12:00 – 13:30	
Tutorial 4	13:30 – 14:30	Analyzers & Detectors: MS, Tandem MS, & ion detection
Workshop 1	14:30 – 15:30	Understanding my workflows: what's the right method for my application?
Tea break	15:30 – 16:00	
Workshop 2	16:00 – 17:30	Structure elucidation in 'omics (HRMS, MS/MS)
DINNER OFFSITE	18:30	<i>Social Outing - <b>OUT OF POCKET EXPENSE</b> for attendees</i>

**Day 3 Saturday July 8, 2023**

Session	Time	Topics	
Tutorial 5	8:30 – 9:30	Ambient Ionisation	
Tutorial 6	9:30 – 10:30	MALDI	
Tea break	10:30 – 11:00		
Panel Discussion	11:00 – 12:00	MS Careers & Opportunities	
LUNCH	12:00 – 13:30		
Workshops 3&4	13:30 – 15:00	Imaging MS	LC-MS/MS & Data pipelines
Tea break	15:00 – 15:30		
Tutorial 7	15:30 – 16:30	Ion Mobility	
Closing	16:30 – 17:00	Closing Remarks	
DINNER	17:00 – 19:00		

**Day 4 Sunday July 9, 2023**

Session	Duration	
CHECK-OUT	By 10am	<a href="https://www.wollongongtouristparks.com.au/bulli/">https://www.wollongongtouristparks.com.au/bulli/</a>