

# MASTERCLASS: HIGH-PERFORMANCE COMPUTING AND VIRTUAL RESEARCH ENVIRONMENTS FOR DATA PROCESSING AND ANALYSIS

## TENTATIVE PROGRAMME

Time AEDT (NSW, VIC, ACT)	Time AEST (QLD)	Time ACDT (SA)	Time AWST (WA)	
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### Monday 5 December

12:00–12:30	11:00–11:30	11:30–12:00	09:00–09:30	Introduction
12:30–13:15	11:30–12:15	12:00–12:45	09:30–10:15	What is HPC
13:15–14:00	12:15–13:00	12:45–13:30	10:15–11:00	What can be done with HPC
<i>14:00–14:15</i>	<i>13:00–13:15</i>	<i>13:30–13:45</i>	<i>11:00–11:15</i>	<i>Break</i>
14:15–15:00	13:15–14:00	13:45–14:30	11:15–12:00	Cloud computing
15:00–15:45	14:00–14:45	14:30–15:15	12:00–12:45	HPC capabilities in Australia
15:45–16:30	14:45–15:30	15:15–16:00	12:45–13:30	Transferring data
16:30–16:35	15:30–15:35	16:00–16:05	13:30–13:35	Concluding remarks

### Tuesday 6 December

12:00–12:30	11:00–11:30	11:30–12:00	09:00–09:30	What are virtual research environments (VREs)?
12:30–13:15	11:30–12:15	12:00–12:45	09:30–10:15	Characterisation Virtual Laboratory
13:15–14:00	12:15–13:00	12:45–13:30	10:15–11:00	NCI Australian Research Environment
<i>14:00–14:15</i>	<i>13:00–13:15</i>	<i>13:30–13:45</i>	<i>11:00–11:15</i>	<i>Break</i>
14:15–15:00	13:15–14:00	13:45–14:30	11:15–12:00	NECTAR Virtual Desktop Service
15:00–15:45	14:00–14:45	14:30–15:15	12:00–12:45	VRE at Pawsey
15:45–16:20	14:45–15:20	15:15–15:50	12:45–13:20	Q&A
16:20–16:30	15:20–15:30	15:50–16:00	13:20–13:30	Concluding remarks