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## **17<sup>th</sup> Annual Global LambdaGrid Workshop - GLIF 2017**

25-27 September 2017

Camperdown Campus, University of Sydney, Australia

We are pleased to announce the programme for the 17th Annual Global LambdaGrid Workshop, which is being hosted by AARNet, the Australian National Research and Education Network.

This event is bringing together networking experts from around the world to collaborate and exchange knowledge on new networking technologies, pathfinding, middleware and applications. The workshop will have a specific focus on how global network architectures are supporting research applications in the Pacific region, in particular astronomy, high-energy physics, and other data intensive science. There will also be demonstrations of high-bandwidth applications.

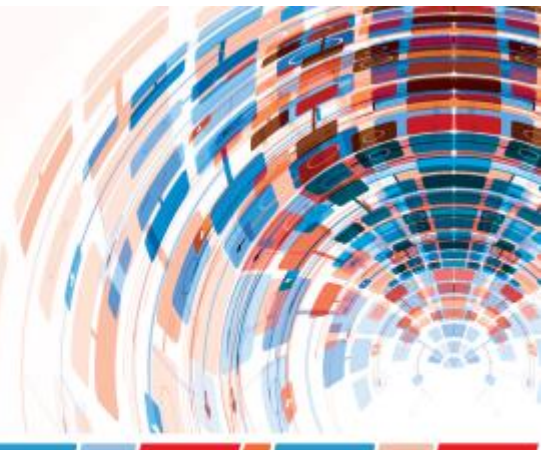
The registration fee is AUD 450 per person (AUD 350 for registered students) up to 23 August 2017, and AUD 500 per person (AUD 400 for registered students) thereafter.

Accommodation is available in the [Rydges Camperdown](#) at the special rate of AUD 165 per night including GST, the [Mercure Sydney Central](#) at the special rate of AUD 249 per night, and the [Waldorf Sydney Central Serviced Apartments](#) at the special rate of AUD 195 per night including GST. These can be reserved when registering for the workshop, and should be booked before 23 August 2017.

**Please note that a Software Defined Networking (SDN) Workshop will also be held on Thursday, 28 September 2017 at the University of New South Wales.**

You can register, book accommodation and pay online at <https://www.glif.is/meetings/2017/>

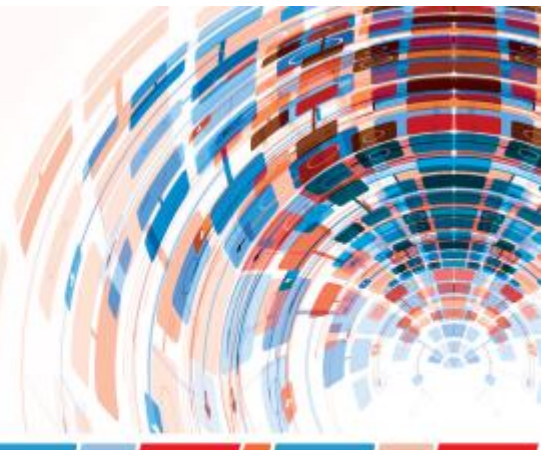
We look forward to seeing you in Sydney!



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*May be subject to change*

<b>Tuesday, 26 September 2017</b>		
<b>0800-1730</b>	<b>Registration</b>	<b>Holme Building, USyd</b>
<b>Chair:</b>	David Wilde, AARNET	
0900-0915	Welcome to GLIF 2017	<b>Jim Ghabbane</b> , CANARIE <b>David Wilde</b> , AARNET
0915-1000	Enabling the Square Kilometre Array: the data challenge	<b>Shaun Amy</b> CSIRO
1000-1045	Wayfinding – Connecting Our Pacific Islands	<b>Garret Yoshimi</b> University of Hawaii <b>Rommel Hidalgo</b> University of Guam
<b>1045-1115</b>	<b>Morning Tea</b>	
<b>Chair:</b>	David Wilde, AARNET	
1115-1145	Extending the Metropolitan Data Caching Infrastructure (MeDiCI) across the Pacific: an experiment in global systems	<b>David Abramson</b> The University of Queensland
1145-1215	The Global Research Platform: A Software Defined Distributed Environment for Data Intensive Science	<b>Joe Mambretti</b> Northwestern University
1215-1245	Energy efficient dynamic optical path networking	<b>Tomohiro Kudoh</b> University of Tokyo
<b>1245-1345</b>	<b>Lunch</b>	
<b>Chairs:</b>	Lars Fischer, NORDUnet & Eric Boyd, University of Michigan	
1345-1400	Welcome & Introduction to GLIF Techs	<b>Lars Fischer</b> NORDUnet
1400-1445	Next Steps in Optical Exchanges	Discussion
1445-1500	GLIF Exchange Point Attributes	<b>Jeronimo Bezerra</b> Florida International Universtiy
1500-1515	New exchange project	<b>Dale Finkelson</b> Internet2
<b>1515-1545</b>	<b>Afternoon Tea</b>	
1545-1745	Transforming Networking: How well is SDN working, and what's next?	Discussion
<b>1900-2100</b>	<b>Demonstrations &amp; Reception</b>	<b>Holme Building</b>



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<b>Wednesday, 27 September 2017</b>		
<b>0800-1730</b>	<b>Registration</b>	<b>Holme Building, USyd</b>
<b>Chairs:</b>	Lars Fischer, NORDUnet & Eric Boyd, University of Michigan	
0900-1030	Network Measurement & Performance Verification	Discussion
<b>1030-1100</b>	<b>Morning Tea</b>	
<b>Chair:</b>	Kevin Meynell, Internet Society	
1100-1130	Trans-oceanic performance engineering and monitoring: reverse engineering other people's networks, policies or assumptions about your traffic	<b>JP Velders</b> University of Amsterdam
1130-1200	AmLight's SDN Looking Glass: Centralizing SDN monitoring for troubleshooting	<b>Jeronimo Bezerra</b> Florida International University
1200-1230	Whatever happened to that NSI stuff?	<b>Jerry Sobieski</b> NORDUnet
<b>1230-1330</b>	<b>Lunch</b>	
<b>Chair:</b>	Kevin Meynell, Internet Society	
1330-1400	Building across the Pacific: A new international network for REANNZ and New Zealand	Jamie Curtis, REANNZ
1400-1430	100G Lambda networking in CERNET and IPv4/IPv6 traffic engineering	<b>Xing Li</b> CERNET
1430-1500	Opening up Optical Networking: TIP and merchant optics	<b>Guy Roberts</b> GEANT Association
<b>1500-1530</b>	<b>Afternoon Tea</b>	
1530-1700	Panel Session: Services, Performance Engineering and Monitoring across Oceans	Moderator: <b>Rodney Wilson</b> , Ciena Panellists: <b>Joe Mambretti</b> , Northwestern University; <b>Xing Li</b> , CERNET; <b>JP Velders</b> , University of Amsterdam & <b>Garret Yoshimi</b> , University of Hawaii
1700-1715	Closing address & GLIF 2018	<b>Jim Ghabane</b> , CANARIE <b>David Wilde</b> , AARNet
1800	Transfers to harbour cruise from the Holme Building	
<b>1830-2230</b>	<b>Sydney Harbour Cruise</b>	