



AARNet Connects The World's Brightest Minds

AARNet and Pacific Wave hosts DERCAP 09

Sydney, AUSTRALIA 12 November 2009 AARNet (Australia's Academic and Research Network) will connect some of the world's most acclaimed academics and researchers for the Driving eResearch Across the Pacific (DERCAP 09) conference that opens in Sydney today.

In partnership with Pacific Wave, AARNet will host a two-day summit in conjunction with the annual eResearch Australasia Conference. Luminaries at this event include:

International physicist and one of the founders of the Virtual Observatory concept, Professor Paul Avery from the University of Florida. Avery is a recognised leader in advanced grid and networking for science and currently participates in the Compact Muon Solenoid experiment at CERN, Geneva. This experiment records key information about particles emerging from high-energy collisions in the Large Hadron Collider (LHC) to unearth nature's secrets.

Professor S. George Djorgovski, Professor of Astronomy and a Co-Director of the Centre for Advanced Computing Research at Caltech. Djorgovski is also the Director of the Meta Institute for Computational Astrophysics, the first professional scientific organisation based entirely in virtual worlds.

Dr Tony Haymet, Director of Scripps Institution of Oceanography, Vice Chancellor for Marine Sciences, and Dean of the Graduate School of Marine Sciences at University of California, San Diego. Haymet is also the co-founder of CleanTECH San Diego, a non-profit organisation with a mission to stimulate innovation and to advance the adoption of clean technologies and sustainable industry practices.

Professor Rod Tucker, Laureate Professor at the University of Melbourne and Director of the Institute for a Broadband-Enabled Society (IBES). He is also the Research Director of the Australian Research Council Special Research Centre for Ultra-Broadband Information Networks (CUBIN) at the University of Melbourne. Tucker is recognised for his contributions to emerging trends and new research directions for the future of the Internet.

Professor Steven Tingay, co-Director of the Curtin Institute of Radio Astronomy and Deputy Director of the International Centre for Radio Astronomy Research (ICRAR). Tingay is deeply involved in the Square Kilometre Array (SKA) at a national and international level. His research uses interferometric instruments and software-based digital signal processing algorithms to study radio emissions from a host of astronomical phenomena including, relativistic jets originating near supermassive black holes, exploding stars and jets from binary star systems.

The event provides a platform for the exchange of ideas, opinions and vision for the future on a range of topics including astronomy, high-energy physics, geosciences, marine systems, climate change, green IT and Smart Grids. DERCAP 09 aims to drive collaboration between research groups in Australia and the United States and to develop an action plan to further support eResearch and collaboration through infrastructure and service providers such as AARNet and Pacific Wave.

Chris Hancock, CEO of AARNet said, AARNet has brought together some of the world's most influential academics and researchers who will demonstrate how a high-speed network is fundamental towards advancing innovation and collaboration. AARNet is proud to support DERCAP as it positions Australia as an innovator and enabler of discussions of importance to the global research and education network infrastructure community. By partnering with Pacific Wave, AARNet has enabled new areas for international research and collaboration to take place at the event. Together, we are providing Australian and international research communities with the best possible network connections which demonstrates our commitment to furthering eResearch.

The full DERCAP 09 summit program is available at <http://www.eresearch.edu.au/dercap09>

Pacific Wave operates an advanced cyber-infrastructure that involves the SXTTransport network, AARNet, United States Research and Education Networks and nation-wide grids in Australia and the United States. It is a joint international exchange facility and peering project of the Corporation for Education Network Initiatives in California (CENIC) and the Pacific Northwest Gigapop (PNWGP).

About AARNet

AARNet Pty Ltd (APL) is the company that operates Australia's Academic and Research Network (AARNet). It is a not-for-profit company limited by shares. The shareholders are 37 Australian universities and the CSIRO. AARNet provides high-capacity leading edge Internet services for the tertiary education and research sector communities and their research partners. AARNet serves more than one million end users who access the network through local area networks at member institutions. For further information, please visit: www.aarnet.edu.au.

About Pacific Wave

Pacific Wave is a state-of-the-art international peering exchange facility designed to serve research and education networks throughout the Pacific Rim and the world. A joint project between CENIC and the Pacific Northwest Gigapop in collaboration with the University of Washington, Pacific Wave creates a new peering paradigm by removing the geographical barriers of traditional peering facilities. It enables any US or international network to connect at any of three locations along the US Pacific coast, as well as offers the option to peer with any other Pacific Wave participant, regardless of physical location.

By presenting a seamless, unified, international peering exchange facility at strategic Pacific coast locations, the Pacific Wave peering facility will be a magnet for research and education partners throughout Canada, Mexico, South America and the Pacific Rim. For more information, visit www.pacificwave.net.

Media Contacts:Almira AnthonyMax Australia+61 2 9954 3492almira.anthony@maxaustralia.com.au