



ENHANCING RESEARCH DATA COLLABORATION USING SCIENCE GATEWAYS

FREE WEBINAR - 25 AUGUST 2015 – NOON (AEST)

Overview:

Science gateways and portals enable research in bold new ways – they provide online access to data, computational tools and resources to help researchers collaborate, discover, organise, analyse, visualise and engage.

Use of science gateways has increased dramatically over the last 10 years and research into science gateways is a growing field.

Australia has invested heavily in developing science gateways via the NeCTAR Virtual Laboratory program and major domain-specific projects (AURIN, TERN, IMOS, etc.).

Speakers:



Ms. Nancy Wilkins-Diehr

Associate Director
San Diego Supercomputer Centre & Co-Director –
XSEDE's Extended Collaborative Support program



Dr. Sandra Gesing

Research Assistant Professor
Department of Computer Science & Engineering
(University of Notre Dame, Indiana, USA)

Topics:

- Recent developments in the USA's National Science Foundation recognition of science gateways.
- Advancing role of ScienceGateways.org based on sector observations.
- Benefits of sharing experiences among gateway developers (based on 10+ years of gateway workshop experience including TeraGrid/XSEDE).
- Funding challenges and the importance of building communities.
- European science gateway initiatives and project and challenges for science gateway developers.
- Celebrating the successful implementation of science gateway core teams at University of Notre Dame.
- Open Q&A session.

NOTE: This webinar is a precursor to the International Workshop on Science Gateways being held on 19 October 2015 in Brisbane as part of the eResearch Australasia conference.

How to participate:

Click [join Science Gateway webinar](#) or visit <http://caudit.webex.com>

Connect to meeting number 866 573 492 password AeRO.

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Speaker information:



Ms. Nancy Wilkins-Diehr

Associate Director San Diego Supercomputer Centre &
Co-Director – XSEDE’s Extended Collaborative Support program

Nancy Wilkins-Diehr is Associate Director at San Diego Supercomputer Centre and co-director of XSEDE’s Extended Collaborative Support program. She has been involved in science gateways and their interfaces to high-performance computing since 2005. Nancy received her Bachelor’s degree from Boston College in Mathematics and Philosophy and her Master’s degree in Aerospace Engineering from San Diego State University



Dr. Sandra Gesing

Research Assistant Professor
Department of Computer Science & Engineering
(University of Notre Dame, Indiana, USA)

Sandra Gesing is Research Assistant Professor in the Department of Computer Science and Engineering at the University of Notre Dame, Indiana, USA. Her research interests include science gateways for bioinformatics, grid and cloud computing, parallel programming, and GPU programming. In this context, she also works on disease modelling and analysis frameworks for modelling and simulations.