

# PRAGMA31 Panel Discussion

## “e-Science in the Cloud: Possibilities and Challenges”

**Moderator:**  
**Dr. Jose A.B. Fortes**

# Panelists

## **Dr. Krisanadej Jaroensutasinee**

- *Associate Professor and President Director of the Centre of Excellence for Ecoinformatics, School of Science, Walailak University*

## **Dr. Paul Hanson**

- *Distinguished Research Professor, University of Wisconsin-Madison Center for Limnology*

## **Dr. Philip M. Papadopoulos**

- *Division Director of Cloud and Cluster Software Development, SDSC*

# Questions

To what extent are big data and cloud-scale computation needed in e-science ?

How can cloud computing and emerging big-data tools help and what challenges exist in their adoption?

How can interdisciplinary collaborations (application experts and computer scientists) help address challenges and seize opportunities in e-Science advancement?

How can international cooperation accelerate adoption or demonstration of big-data and cloud-computing solutions in e-science?