SORA: NeCTAR - University of Melbourne

Lev Lafayette and Martin Paulo
University of Melbourne

Abstract

The presenters will share their experiences of running the NeCTAR - the largest academic and research cloud deployment in Australia and present an overview of the architecture, use, and the corresponding training programme as well as the recently developed new hybrid HPC and cloud system which is cost-efficient, flexible, and encourages high-throughput, covering the general and specific elements of the system design, issues that were raised in implementation, and the future of the system.

Short Bio
Lev Lafayette is the HPC and Training Officer for Research Platforms at the University of Melbourne. Prior to that he worked at a similar role for several years at the Victorian Partnership for Advanced Computing.
Martin Paulo is the Research and Operations Engineer for Research Platforms at the University of Melbourne. Prior to that he worked as a developer at the Victorian Partnership for Advanced Computing and the Victorian eResearch Initiative.
PRESENTING OUR NEW PUBLICATION NECTAR IMPACT.
A Cloud-HPC Hybrid Model for HPC Centres

A presentation to:
Center for Scientific Computing (CSC), Goethe University Frankfurt
Friday 14th of October, 2016
High Performance Computing Center (HLRS), University of Stuttgart
Friday 18th of October, 2016
Performance Computing, Albert-Ludwigs-University Freiburg
Friday, 19th of October, 2016
Organization for Nuclear Research (CERN), Geneva
20th of October, 2016
Informatique National de l'Enseignement Supérieur, Montpellier
21st October, 2016
Supercomputación, Barcelona, Wednesday, 26th, 2016

Crette, HPC and Training Officer, University of Melbourne