SEMINAR NOTICE:

ADSC
Illinois at Singapore Pte Ltd

Web-scale Computational Musicology in the SALAMI Project

David De Roure

University of Oxford
Professor of e-Research in the Oxford e-Research Centre and the National Strategic Director for Digital Social Research

**Wednesday, November 23 at 3:30 p.m.
@ ADSC - Level 8, Fusionopolis, Connexis North**

Abstract:

SALAMI (Structural Analysis of Large Amounts of Music Information) is an ambitious computational musicology project which applies a computational approach to the huge volume of digital recordings now available on the Web. It aims to deliver a very substantive corpus of musical analyses in a common framework for use by music scholars, students and beyond, and has established a web-based methodology and tooling which will enable others to add to this in the future. In its approach SALAMI exemplifies many e-Research techniques which are applicable in other disciplines.

Biosketch:

David De Roure is Professor of e-Research in the Oxford e-Research Centre and the National Strategic Director for *Digital Social Research*. He focuses on the co-evolution of digital technologies and research methods in and between multiple disciplines. These include digital humanities (computational musicology), social sciences (social statistics), chemistry (smart labs), bioinformatics (in silico experimentation) and environmental science (sensor networks). Many of his projects involve the intersection of the physical world with the digital world, development of ***datascopes*** to take researchers from real-world 'signal' to understanding, and ***ramps*** to support incremental engagement with new computational capabilities and thinking. His research projects draw on Web 2.0, Semantic Web, workflow and pervasive computing technologies. In Open Science he advocates sharing methods and ***Research Objects*** (like executable papers) and runs the myexperiment.org social website. He has an extensive background in Web and Linked Data and is a champion for the Web Science Trust, with a focus on the Internet of Things. He has been closely involved in the UK e-Science programme and is chair of the UK e-Science Forum. In 2011 he was elected as a Research Fellow at the Graduate School of Library and Information Science at the University of Illinois at Urbana-Champaign.