



Big Data: Beware of Geeks Bearing Gifts

Brisbane Seminar

Date: Friday, 26 February 2016

Time: 3:30 to 4:30 pm

Registration: Please register online at <https://fesaus.org/>
Numbers are limited so book early to avoid disappointment!

Place: Geological Survey of Queensland - Department of Natural Resources and Mines
Bowen Basin room at Level 12, 61 Mary St, Brisbane
Sign in at reception security desk (contact is Justin Gorton) and proceed to Level 12

Cost: **FESQ Members and Student Members free**
Social drinks afterwards sponsored by Weatherford Laboratories

Presented by: Prof Stephen Tyson, Chair of Subsurface Modelling and Director
School of Earth Sciences and Centre for Coal Seam Gas at UQ

Abstract:

Big Data is getting a great deal of attention through the analytics used by Amazon, Facebook and Google. The ability to diagnose and predict based upon the investigation of large amounts of data is changing the way that some companies do business. This is attractive to the petroleum industry and numerous vendors are promoting Big Data solutions to industry problems.

This talk explores the applicability of these solutions to the petroleum industry and discusses the obstacles that need to be overcome for Big Data solutions to work. The likelihood that these obstacles, and in particular the "Small, messy Data" problem, will be overcome will be considered along with some radical alternative strategies to provide the enabling infrastructure for Big Data to work in the petroleum industry.

About the presenter:

Prof Steve Tyson is the Chair of Subsurface Modelling at The University of Queensland and Director of the Centre for Geoscience Computing. He has a degree in Physics from Imperial College and a PhD in Petroleum Engineering from the University of New South Wales and is a Chartered Mathematician.

He has more than 30 years' experience in the petroleum industry specialising in reservoir characterisation and stochastic modelling, including significant experience in software and database development. Prior to joining The University of Queensland he worked across the Asia-Pacific region as a Technical Director for Paradigm.

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