

## IEEE Joint Chapter Communications, Signal Processing and Ocean Engineering – [Engineers@Work](#) Event

**A presentation, tour and the opportunity to listen to working Engineers at Foxtel - on Engineering Objectives and Challenges in the Media Industry.**

**Date: 27<sup>th</sup> May 2015 at 5.30pm for 6pm start (light refreshments will be served). Site tour starts at 7.30pm.**

**Venue: 5 Thomas Holt Drive, North Ryde, Level 4, Building 3.**

**RSVP essential – limited seats: Stephen Joyce ([sgj@ieee.org](mailto:sgj@ieee.org)) or Ollencio D'Souza ([odsouza@ieee.org](mailto:odsouza@ieee.org))**

### **Details:**

Engineers@Work is an initiative to showcase the work of engineers in the field. The presentation will be made at the FOXTEL site. Young and experienced engineers will present current and future Technologies and the challenges they face at this state of the art facility.

*A modern consumer of entertainment has a variety of devices and providers to choose from to watch their favourite shows. This presentation will offer some insight into how a PayTV provider meets the challenges of a complex and dynamic technology environment while maintaining a consistent and reliable service. There is constant pressure to create more compelling programmes, to bring images from difficult or remote locations, to enable higher resolution images, larger pictures, multiple sound channels or provide access to programs on more devices and in more places. The Foxtel Platform is a high availability 24 hour operation that provides services to 2.6 million subscribers nationwide.*

This presentation will begin with a short overview of Foxtel from Brett Paton, Head of Technology Development, and then five of the youngest and brightest technology specialists will describe the complex machinery that drives the programme flow through the Foxtel infrastructure and describe what it takes to make a variety of services available on multiple devices. The focus will be on new services available and the engineering and development effort required to produce the decoding device. Join us for a 1 hour presentation from Foxtel's technology architects describing the Foxtel Content Distribution Platform and the continuing development activities that are required to adapt it to the changing technology landscape.

### **Presenters:**

Brett Paton (SYD)	Head of Technology Development
Fiona Lovell (SYD)	Senior Product Manager - Managed Consumer Devices
Umair Butt (SYD)	Associate Head End Architect - Technology Development
Angelica Stephenson (SYD)	Headend Solutions Architect - Product Distribution
Matt Clark (SYD)	Senior Software Development Lead - Technology Development
Thomas Russo (SYD)	Development Engineer - Technology Development