



**SOCIETY OF  
PROFESSIONAL  
ENGINEERS  
THAILAND**



## **SPET Monthly Members Meeting**

Thursday  
**21<sup>st</sup> July 2016,**  
6:30pm at  
the British Club  
Soi 18, Silom Road,  
Bangkok

**Burgoynes**  
Consulting Scientists and Engineers

# **“Metallurgical investigation of failures in gas turbines”**

By  
Dr Jonathan Sykes – Resident Director of  
Dr JH Burgoyne & Partners (International) Ltd - Singapore



Failures of components in gas turbines can have catastrophic consequences.

This presentation will provide examples of some of the common causes of failures in gas turbines including fatigue failures, creep and corrosion.

Dr. Jonathan Sykes is the Resident Director of the Singapore Office of Dr JH Burgoyne & Partners (International) Ltd, a firm of consulting scientists and engineers specialising in the forensic investigation of incidents for clients within the legal and insurance sectors.

Jon has 20 years of experience specialising in the investigation of the causes of failure of materials and mechanical equipment, such as corrosion, fracture, embrittlement and degradation of metallic, plastic and ceramic components.

In the course of his work, Jon has conducted investigations into a number of losses involving gas turbines and other power generation equipment, ranging from small, offshore equipment to large power plant items.

Entry fee is Baht 200 for Members of SPET and Baht 400 for all others.

About 30 members and guests attended a high quality presentation on “Civil Engineering and the Insurance Industry – Risk Allocation between Parties in Projects” on 16<sup>th</sup> June 2016, given by Stephen Boddington Regional MD Construction HK of Jardine Lloyd Thompson.

### **Forthcoming events**

The next SPET event is scheduled on 18<sup>th</sup> August 2016, given by Ben Hayes of Herrenknecht. .

The Committee is always seeking new topics for the Monthly SPET Meetings to ensure a continuous schedule of talks for our Members and guests. If any member can suggest possible technical, professional engineering or other topics that might be of interest please contact Mr. Chris Moore on 081-824-1648.

### **Membership subscriptions for 2016 are now due.**

Renewal and new membership forms are available at all meetings,  
and renewed members will receive a membership card  
valid through to the end of 2016.

Please enquire at the reception desk,  
or email [chris@lasanne.com](mailto:chris@lasanne.com).