

INSTITUTION OF MECHANICAL ENGINEERS
PROCESS INDUSTRIES DIVISION, YORKSHIRE
PRESENTS

Yorkshire Engineer Networking Event

WED 20 FEBRUARY, 2019

17:30 - 19:30 • WIZU WORKSPACE LEEDS, LS2 7HZ

**Technical Presentation by
Simon Rees - Norton Straw Consultants**

**Using Engineering Analysis to Predict Fatigue Life of
Critical Pipework**

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Yorkshire Engineer Networking Event

- 17:30 – 18:00** **Arrival food, drinks & networking**
- 18:00 – 18:30** **Jujar Panesar – CentDS: Introduction to IMechE Process Industries Division, Yorkshire**
- Ashton Wesley & Owen Williams – Leeds**
Digital Drinks: Exciting Leeds events for 2019
- 18:30 – 19:00** **Simon Rees – Norton Straw Consultants: Using Engineering Analysis to Predict Fatigue Life of Critical Pipework**
- 19:00 – 19:30** **Floor open to questions & further networking**

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Come see how our leading engineering companies in Yorkshire are solving today's industry challenges.

Tickets: <https://imecheyorkshirelaunch.eventbrite.com>

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Event Synopsis

Flow induced vibration and acoustically induced vibration are distinct phenomena which creates the risk of failure of critical pipework in the process industry. This presentation outlines how engineering analysis can be used to calculate the fatigue life of critical components and identify what changes are needed in the structural arrangements of critical pipework that may extend its operational life.

Speaker Bio

Simon Rees is a director of Norton Straw Consultants, a Fellow of the IMechE and Chair of the IMechE Upstream Oil & Gas Committee. He has over twenty-five years' experience of applying advanced engineering analysis methods across the chemical and process, nuclear, aerospace and power generation sectors.

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