



A tribute to Dr Peter Jost CBE from Southampton

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National Centre for advanced tribology at Southampton (nCATS)
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Personal reflections and influences



- His mentoring/guidance (over some 25 years),
- Experiences of the IMechE Tribology Group committee with Peter on it and then chairing this committee
- His support and opening of nCATS in 2008/2009.
- Meetings with him at the Athenaeum Club, Pall Mall.
- His passion for green Tribology and his interest and support for nCATS establishing the annual U.K.-China Tribology symposium with LICP now in its 8th year which he attended when possible. Also inspired the Southampton bid for an EPSRC platform grant in Green tribology (2011-2016)
- His message that you should talk to top people/directors of companies, quote added value through basic training and directed research in tribology to UK business. Focus on the economic aspects of Tribology and its application. Engage government.



Professor Stathis Ioannides, SKF Group Director for Product Engineering, received the Tribology Trust's Gold Medal at a prestigious awards ceremony held at Buckingham Palace.



**Gold Medal at the palace
...well nearly..
June 2009**

nCATS formal opening 11th November 2009



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Peter with Sir Gordon Higginson, DL, DEng, FEng (Vice-Chancellor of Southampton 1985-1994)

Peter in China



First UK science delegation to China

1979



Professors H.P. Jost and Qunji Xue,
Lanzhou 1984, by courtesy of Dr Liping Wang, LICP.

2010, Southampton University Science Park, Chilworth, 2nd UK-China Symposium on Tribology



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Engaging Government

- Huge support for international science collaboration
- Believed passionately that science had a key role in diplomacy – and vice-versa
- Big fan of the UK Science and Innovation Network, run by the FCO
- Advice and support to those running network, including Gavin Costigan (2006-2010), now at University of Southampton
- Proudly tells story of first science delegation to China (in 1979) following Sino-UK Science & Technology Agreement (1978)

Association cut short

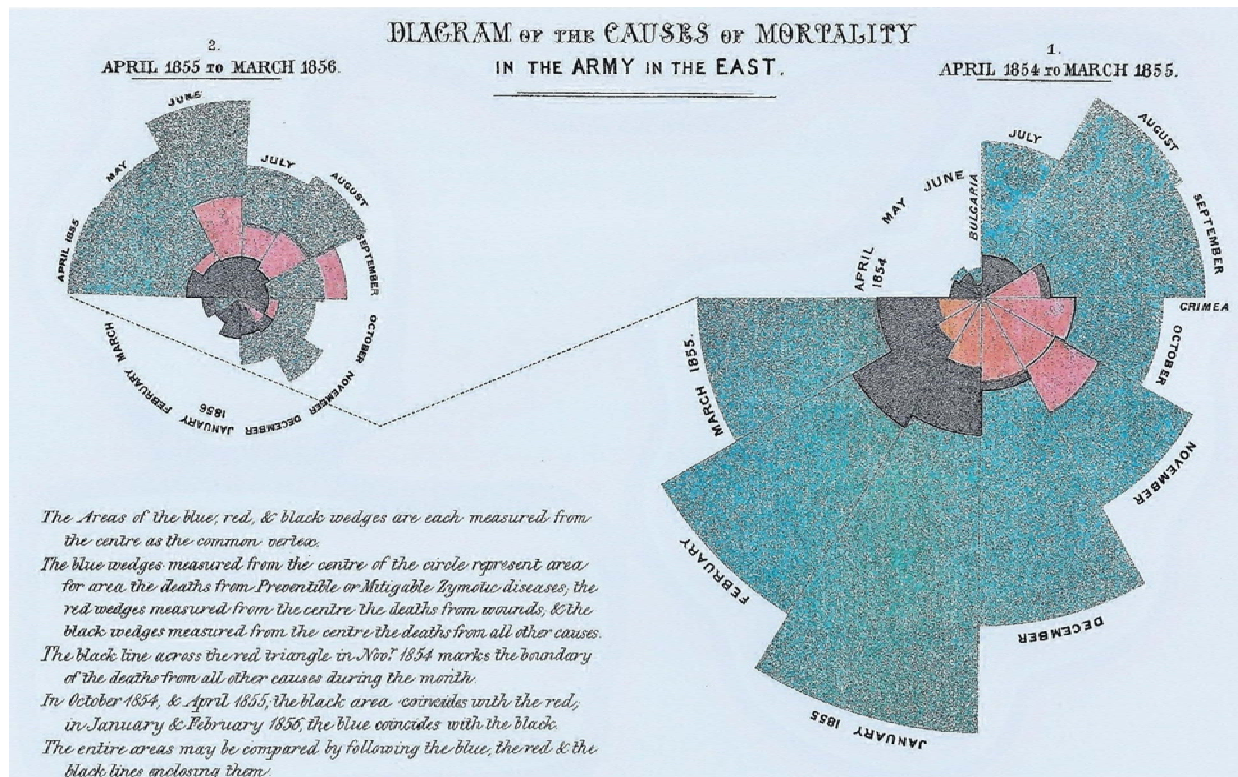
- Dr Jost was due to give a Distinguished Lecture at the University on 8th June this year, but passed away the day before.
- **nCATS celebrates Tribology being 50 and the 8th UK-China Green Tribology Symposium...**this event at Southampton on 8th June 2016 was dedicated in his honour.
- We were proud and excited that the University awarded him an honorary degree in July in this 50th anniversary year of the Jost Report, and were looking forward to celebrating his achievements with him.

Planned Distinguished Lecture at the University: TRIBOLOGY AND PRODUCTIVITY

The paper/lecture Peter wrote dealt with Tribology and Productivity linked by what he called '*The Florence Nightingale Effect*'.

Peter makes the point that tribology is one factor of raising productivity without considerable investments and this can be achieved by the use of existing but largely unused knowledge – through the so called '*Florence Nightingale Effect*'

Use of statistics to influence government



“Florence Nightingale was a determined person of action. By making improvements in hygiene herself and by calling the Sanitary Commission to improve sanitation and living conditions, the death rate of the soldiers admitted to the field hospital was **reduced from 42% to 2%**. All this by what we now call “**applying existing knowledge without significant capital expenditure**”, but importantly, and this cannot be over-stressed, **with official blessing.**”

Exert from lecture to be given by HPJost



Inspiring and supporting formation of UK Tribology

- UK Tribology is a multi-institution collaboration (5 Institutions - Institutes) designed to raise awareness of the subject and application of tribology. One voice for UK Tribology.
- Peter attended the formal launch of UK Tribology at the IoM³ exactly a year ago on 17th October 2015. Professor Duncan Dowson was also present along with over 100 delegates.

<http://www.uktribology.net>

Dr Peter Jost CBE

He was a great engineer and a great man.

He will be greatly missed by Southampton and across the engineering world.

But we feel proud to have known him, and his extraordinary legacy lives on.