

## Conference Announcements

### Tribology in Environmental Design 2000

The Characteristics of Interacting Surfaces:

A Key Factor in Sustainable and Economic Products

First International Conference, 3 – 6 September 2000, Bournemouth, United Kingdom

Delegates from industry and academia are invited to attend this international event being organised by Bournemouth University and sponsored by the UK Institution of Mechanical Engineers (IMechE), the UK Institution of Engineering Designers (IED) and the International Journal of Life Cycle Assessment. The conference is scheduled to take place on England's central south coast which is surrounded by some of Britain's most delightful and unspoilt countryside.

Product developers need to be aware of recent developments in general tribological fields to be able to address issues which satisfy more than

- Life-oriented products
- Product life design tools
- Energy studies in product use phase
- Surface quality
- Surface engineering
- Advanced materials

one specific domain. These issues range from those which are product specific to global. Wear and friction between interacting surfaces influence these concepts over the product life cycle with the ensuing environmental and economic consequences. Studies in the past have shown that the economic repercussions of these design decisions were too great to be ignored. Recent concerns on product sustainability and environmental impact require that factors affecting these issues, such as the choice of materials and lubricants, need to be re-addressed. To this effect this forum, chaired by Sir Gordon Higginson, will discuss existing ideas as well as new research falling within the list of topics given below.

- Sustainable product development
- Life cycle assessment for optimised products
- Environmental impact assessment
- Lubricants
- Analytical studies

Should you require further information for participating in this international event please do not hesitate to visit our website on [www.designforlifecycle.org/ted2000](http://www.designforlifecycle.org/ted2000). Further information may also be obtained by contacting Mrs Christine Thwaites, Conference Secretariat, TED2000, Bournemouth University, Studland House, 12 Christchurch Road, Bournemouth BH1 3NA, United Kingdom. Alternatively, you may email us for further information at:

[ted\\_info@bournemouth.ac.uk](mailto:ted_info@bournemouth.ac.uk)

### The International Conference and Exhibition on Life Cycle Assessment: Tools for Sustainability

Date: April 25-27, 2000

Location: Crystal City Hyatt, Arlington, Virginia, Washington DC Metro Area

Contact: [InLCA.CI@epamail.epa.gov](mailto:InLCA.CI@epamail.epa.gov)

Sponsored by

- USEPA's National Risk Management Research Laboratory
- National Center for Environmental Research and Quality Assurance (USEPA)
- Institute for Environmental Research & Education
- Environmental Quality Management Institute

LCA is being developed and applied internationally by corporations, governments, and environmental groups to incorporate environmental concerns into the decision-making process. It is being widely adopted as a means to evaluate commercial systems and develop sustainable solutions. Presentations and discussions during InLCA will focus on ap-

proaches that integrate environmental, economic, and social values for decision-making, with emphasis on LCA applications and case studies. The conference will bring together practitioners and decision-makers. Speakers will discuss how LCA can be used to:

- *create* marketing advantages
- *improve* environmental decision-making
  - *save* organizations money
- *organize* environmental management systems
- *measure* environmental performance and progress towards sustainability
- *communicate* within and outside of organizations.

Fee:

\$175 – Early Registration  
\$200 – Registration after 2/14/00  
\$150 – Government and Students