

## Celebrating 40 years of the LTDS: «Interface engineering research and teaching»

The Laboratory of Tribology and Systems Dynamics (LTDS) is celebrating its 40th anniversary. To mark this academic, scientific and cultural occasion, the LTDS, placed under the supervision of the CNRS and two engineering schools, **the Ecole Centrale de Lyon and the Ecole Nationale d'Ingénieurs de Saint-Etienne**, will draw on the skills of over two hundred people to explore research developments around three themes:

- Interface tribology, physical chemistry and dynamics;
- Mechanics of heterogeneous media, geo-materials and processing;
- Dynamic, durability, reliability.

The event is organised in **three stages and at three different sites.**

The official opening will be held in the reception rooms of the Hôtel de Ville de Lyon on **Thursday May 19, 2011**, in the presence of leaders from academia, politics, and the institutional and scientific communities.

In the afternoon, in Ecully, Ecole Centrale de Lyon will award an Honorary Doctorate to **Professor Gwidon Wladyslaw Stachowiak** for his distinguished services to the engineering sciences, the development of the laboratory and to Ecole Centrale de Lyon.

The ceremony will be graced by the presence of **Jean-Marie Georges**, founder of the LTDS, holder of the gold medal in tribology awarded by the International Tribology Council in 1995, and **George Chapouthier**, research director at the CNRS, French biologist and philosopher, who will speak on the topic:

**«Is Man an animal like any other ?»**

International relations with Russia and Japan will also be on the agenda, especially with the live talk, straight from Japan, given by **Koji Kato**, one of the greatest tribologists in the world today, holder of an Honorary Doctorate of the ECL and a friend of the recipient Gwidon Stachowiak and of Jean-Marie Georges.

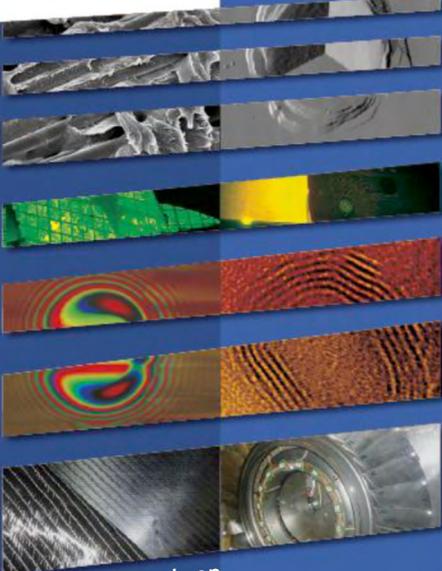
This day heralds a second high point. On Thursday September 15, 2011, the LTDS will join up with its Saint-Etienne branch at the City of Design in Saint-Etienne, to underline the laboratory's future scientific developments around the **unifying theme of Interfaces and Interactions.**

The LTDS invites the scientific communities and the media to take part in these events. There will be **three round table discussions** or one-to-one debates, led by the journalist **Marie-Odile Monchicourt**, with artistic interludes to illustrate the topics. Taking societal issues, not disciplines, as our starting point, we will discuss a number of History of Science topics around the notions of touch, vibration phenomena in dynamic systems, noise, and bioengineering for a better future for Man.

**Young people** are not forgotten: 40 doctoral students will visit 40 primary school classes ; educational support will be provided for 40 students in preparatory classes for their TIPE (a supervised research project); and tours of the laboratory for 40 student engineers from Ecole Centrale and the ENISE are planned.

**A scripted film** account by the key players who have contributed to the history of the LTDS, produced by ECL and the CNRS, is currently being produced.

**More information : <http://ltds40ans.ec-lyon.fr>**



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