



Press release

Lyon - July 10<sup>th</sup> 2006

## **The 2006 World Congress on Emulsions: Successfully Combining Technical and Scientific Progress in the field of Emulsions**

**The World Congress on Emulsions takes place every 4 years. The dates for this year's edition are Tuesday 3 to Friday 6 October 2006 at the Lyon Conference Centre (Palais des Congrès) in France.** The Congress will be chaired by Ms Dominique Langevin, the Director of Research at the Laboratory of Solids Physics, associated with the University of Paris South and the CNRS.

**1,200 international delegates are expected**, made up of industrialists, researchers, academics and representatives of State-funded institutions. All the various sectors using emulsions, either in production or manufacturing, will be present. These include the **asphalt and food industry, as at every edition. New for 2006, the Congress will also welcome the pharmaceuticals and cosmetics industries.**

The **exhibition** part of the Congress will allow both manufacturers of materials, products and works, and associations to present their activities and new products, as well as to make contact with future partners.

A **showroom** will also be available to give practical examples of the role played by emulsions in "everyday life". This area will be representative of our everyday surroundings.

The high points of this Congress, however, will be the various conferences and workshops. The overall theme of the 2006 edition of the Congress is "**Evolution and New Challenges**", with particular focus placed on environmental policy and its application to the fields working with emulsions.

The legislation of these last few years has evolved with the Kyoto agreements and REACH – **Registration, Evaluation and Authorisation for CHemical substances** – in the EU, and it will soon oblige the chemical industries to provide health safety and environmental data for the substances they produce. This will be a means of identifying dangerous products and, if necessary, finding substitutes.

### **The plenary sessions**

The scientific introduction to these conferences will be given by Mr Jean-Marie Lehn, the winner of the Nobel Prize for Chemistry in 1987, on the subject of "Supra-molecular chemistry". Then, throughout the Congress, 4 main themes will be developed:

- **End use properties** presided by Mr Giavarinni of La Sapienza University, Italy, and Mr Melin from Baxter, France
- **Product design, Conception and Preparation** presided by Mr Eckmann from Eurovia France, and Mr Schubert from the University of Karlsruhe in Germany
- **Behaviour, Characterization and Processing** presided by Mr Redelius from Nynas Sweden, and Mr Rondelez from the Curie Institute-CNRS
- **New Challenges, New Ambitions** presided by Mr Bourrel from Total France and Mr Guerin from L'Oréal France

### **The workshops**

Delegates will have the choice of 15 workshops, proposed in liaison with the conferences, in order to approach the technical progress made in emulsions from a practical viewpoint. Professionals and researchers will be able to exchange the results of their work on issues such as preparation, rheology and stability.

### **The poster sessions**

On 4 and 5 October there will be poster sessions giving delegates the chance to talk with the authors of the presentations. The best communications will be given a prize.

### **The Emulsar Grand Prix**

There will also be a cash prize given by Emulsar, an innovative industrial start-up that designs, assembles and markets a machine that makes it possible to produce nano-emulsions industrially (patented in 2002). The prize will be given to the researcher or team having contributed the most in scientific terms to the field of emulsions.

### **The Symposia**

The symposia will be another event at the Congress. They were created by two different industries: road-building and food. On Thursday 5 October, they will further develop the following themes, specific to their particular activities:

- **Recycling and retreatment with emulsion** or how to retreat materials from deconstruction and road surfaces with, as the guiding principle, the CANAL SEA project. This symposium will be presided by Ms Cyna, the CEO of the French association of bitumen emulsion manufacturers (SFERB) and Mr Fox, member of the Asphalt Recycling and Reclaiming Association (ARRA)
- **Whipped food emulsions** or how to obtain a quality of texture and optimal stability for dairy produce that will leave consumers satisfied. This symposium will be directed by Mr Léal-Calderon, professor at the Bordeaux ISTAB.

### **Monday 2 October: preliminary day**

A preliminary day will be organised on the eve of the first day of the Congress. Participants will be able to take tutorial classes as a preliminary to the conferences, workshops and symposia. This day will also be a chance for the IBEF (International Bitumen Emulsion Federation) to bring together the various members of the profession for Emulsions Producers' Day.

- **The tutorial classes** will be open to delegates who would like to acquire, revise or perfect their knowledge of the basics of physical chemistry, the formation of stable emulsions, or manufacturing processes, in order to be able to follow the papers given in the following 4 days more easily.
- **Emulsions Producers' Day.** Organised by the IBEF, this event will make it possible to bring together all the federation's members, as well as national bitumen producers and independent suppliers, for a day of study ([www.world-of-emulsions.com](http://www.world-of-emulsions.com)).

<p><b>World Congress on Emulsions</b> <b>Tuesday 3 to Friday 6 October</b> <b>Registration and information at <a href="http://www.cme-emulsion.com">www.cme-emulsion.com</a></b></p>
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