## **Background and Objectives**

The important development of industrial electrochemistry has prompted active researches on different types of electrode materials, for which essentially the stability but also the catalytic activity are important goals.

In particular, highly electrically conductive diamond has drawn attention in recent years because of its outstanding chemical and electrochemical stability and for the very high oxygen and hydrogen overpotentials.

The perspectives of its use as an electrode material or a support for other selected electrocatalysts make it the subject of intensive development for production, research on doping and surface modification, physico-chemical characterization and qualification as well as industrial applications.

In their pioneering works on the subject, Fraunhofer-IST Germany, CSEM Switzerland and finally CONDIAS GmbH Germany have organized international scientific events specifically dedicated to preparation, characterization and applications of diamond electrodes. In the frame of the collaboration between the above industrial partners and some Universities (EPFL, University of Ferrara), the sixth edition of the event will be held in Ferrara (Italy) from May 5<sup>th</sup> to May 7<sup>th</sup>.

The aim of the Workshop is to supply a thorough survey of the recent advances in the three main topics of research and development: Synthesis, Characterization and suggested Industrial Applications, through invited lectures. Scientists and managers interested in presenting a contribution to the Workshop are encouraged to offer a poster contribution as well. Posters will remain exposed from Monday 5<sup>th</sup> to Wednesday 7<sup>th</sup>; their content will be discussed in a dedicated session. All invited contributors are asked to submit a copy of their slides/transparencies, preferably in electronic form (Word, PowerPoint or Acrobat file format).

#### **Format**

The Workshop will last two days and a half. It will consist of a session dedicated to the preparation, one to physico-chemical characterization and electrochemical studies and another to the practical applications. The official language of the conference is English.

### **Transportation**

Ferrara is on the railway line connecting Bologna and Rome with Northern (via Brenner Pass) and Eastern Europe (via Trieste). The nearest international airports are Marco Polo (Venice), about 110 km from Ferrara, and G. Marconi (Bologna), about 40 km from Ferrara.

In addition, Milan is about 3 hours by train (via Bologna). There are several daily flights connecting Venice and Bologna with Rome (Fiumicino) and Milan (Linate and/or Malpensa 2000 Airports). Driving to Ferrara is easy by means of the European motorways.

#### Accommodation

A list of hotels which are close to the location of the Workshop can be found at the website of the event:

## http://www.unife.it/convegni/diamond

Participants are advised to make hotel reservation as soon as possible. The local organizing committee is available to help for accommodation problems up to April 24<sup>th</sup>, 2003.

## Registration

Please refer to the enclosed registration form.

Workshop fee: € 250,00

The fee includes all social events, and a copy of material presented at the oral/poster communications.

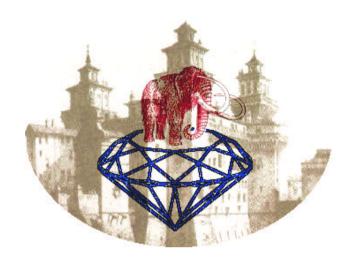
#### **Cancellations**

Any cancellation should be made by fax or e-mail directly to the Workshop Secretariat.

For cancellations received before 15<sup>th</sup> April 2003: full refund minus administrative charge of € 25,00.

We regret that cancellations after 15<sup>th</sup> April 2003 cannot be refunded.

In case of Workshop cancellation due to unexpected reasons, i.e. impediment of speakers or an insufficient number of participants, the organizers reserve the right to cancel the event. In this case, all participation fees will be refunded in full, excluding any further claims.



# 6<sup>th</sup> Workshop on Diamond Electrodes

Fundamental and Industrial Aspects

May 5<sup>th</sup> - 7<sup>th</sup> , 2003 Ferrara, Italy

#### Venue

The Workshop will be held in Ferrara, which was an important medieval center and one of the most opulent courts of the Renaissance. It is from there that its totally distinctive characteristics come: from the harmonious and inimitable sum of the tangle of shaded and irregular streets in its medieval quarters and the airv. luminous and geometric spaces of the Renaissance age. All this full of splendid palaces, houses, churches, squares, streets, gardens and works of art conserved in its innumerable museums that constitute one of its greatest attractions. That's why Ferrara, as the city of the Renaissance, and its Po Delta has been entered by UNESCO in the World Heritage List.

Ferrara is a quiet city, on a human scale, where you can stroll on foot or pedal slowly on a bike, at any hour of the day or night, without any fear, reliving the magic atmosphere of the past with each step.

Ferrara is one of the most important centers of artistic and cultural interest in Italy, thanks, in the first place, to the Diamond Palace, seat of prestigious exhibitions and to the top quality seasons of its Municipal Theatre.

Town area: Kmq 404,35 Altimetry: mt. 9 (min.1 max 16)

Population: 132.123

Climate data (May): minimum temperature 13 °C

maximum temperature 22 °C precipitation 52 mm

# **Program**

Information on the detailed program will be made available to participants by e-mail and also reported on the meeting web page.

# **Organizing Committee**

Achille De Battisti (UniFE) Sergio Ferro (UniFE) Christian Urgeghe (UniFE) Carlos Martinez-Huitle (UniFE) Christos Comninellis (EPFL) Lothar Schäfer (FhG-IST) Werner Haenni (CSEM) Matthias Fryda (CONDIAS)

# Registration

Attention to:

De Via	Sergio Ferro pt. of Chemistry Luigi Borsari, 46 100 Ferrara y	Fax	+39 0532 291124 +39 0532 240709 fre@dns.unife.it
Title &	Name First	Name	
Affiliation			
Address			
Zip Code & City			
Countr	у		
Phone & Fax			
E-mail			
	I wish to participate in the 6 <sup>th</sup> Workshop on Diamond Electrod I wish to contribute with a poster presentation. I wish to participate in the 6 <sup>th</sup> Workshop on Diamond Electrod Unfortunately I can not participate, but I am interested in furt on final Workshop program (delete as applicable). Please kee	es, but I w her inform	ation on Diamond electrodes and

Date & Place ......Signature