

Coming Events

4TH INTERNATIONAL MEETING ON MODERN CERAMICS TECHNOLOGIES

ENERGY AND CERAMICS

Saint-Vincent-Italy, May 28–31, 1979

The 4th International Meeting on Modern Ceramics Technologies (4th CIMTEC), sponsored by the Research Laboratory for Ceramics Technologies (Faenza) and organized by the journals "Ceramurgia International" and "Ceramurgia" with the support of the Committee for Technological Research of the National Research Council of Italy (CNR), will take place in Saint-Vincent (Italy) from the 28th to the 31st May, 1979.

The general theme of the 4th CIMTEC will embrace the vital area of "ENERGY AND CERAMICS". Problems will be discussed which concern energy conservation, and the prospects for the application of ceramic materials in the most advanced fields of energy production technology, and energy conversion.

The Meeting will consist of two sections.

Section A

Energy in ceramics manufacturing processes

A1 – Rationalization of thermal energy use

– New materials, new technological processes and improvement of the existing ones (refractory and insulating materials; reduction of energy consumption through modifications to present production cycles; fast firing; fast drying; single firing; use of additives, etc.)

– Heat recuperation techniques

A2 – Alternative energy sources

A3 – Use of industrial by-products

Section B

Ceramics in energy systems

B1 – Ceramics as advanced heat engine components

– Turbines

– Diesel engines

- Stirling engines, etc.
- B2 – Ceramics in energy conversion systems
 - Ceramics in nuclear reactors
- B3 – Ceramics in energy conversion systems
 - Battery electrolytes
 - Solar energy cells
 - MDH electrodes
 - Ceramic components for electronics (high-power capacitors; electromechanical transducers using piezoelectric ceramics; heating elements from semi-conductive barium titanate, etc.)

The above subjects will be discussed with reference to

- Development of materials
- Technology of components manufacture
- Evaluation of components performance under simulated conditions and during use (proof testing, lifetime predictions, etc).

Prospective participants should let the organizers have their completed preliminary registration forms before 31st October, 1978. This registration is not binding.

Information and correspondence: 4° C I M T E C
P.O. Box 174
48018 Faenza – Italy

SIXTH INTERNATIONAL CONFERENCE ON THERMAL ANALYSIS

The Sixth ICTA Conference will be held on July 6–12, 1980

at

BAYREUTH/BAVARIA

Federal Republic of Germany

in

Bayreuth Municipal Hall

You are cordially invited to participate in this Conference. The First Circular will be sent out before the end of 1978.

Further information can be obtained from

Sixth ICTA '80
P.O.B. 1120
D-8672 Selb/Bavaria

General Chairman, Organizing Committee President, International Confederation
Sixth ICTA Conference: for Thermal Analysis:

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