

International Conference on Computational Methods for Energy Engineering and Environment

Conférence Internationale sur les Méthodes Numériques pour l'Energétique et l'Environnement

ICCM3E

OBJECTIVES

With the support of The Research and Technology Center of Energy (CRTE) and the Energy and Thermal Systems Laboratory (LESTE) and The Nuclear and Renewable Energy Program (NURE, King Saud University), NEWTECHENERGY organises the first International Conference on Computational Methods for Energy Engineering and Environment (ICCM3E).

The conference main objectives are:

- * To bring together researchers-teachers-industrials and students engaged in the development of the computational Methods and their applications in Energy Engineering and Environment.
- * To present and discuss the recent results and the new trends in these fields.

CONFERENCE TOPICS

The conference topics cover the development of new computational methods and their applications in Energy Engineering and Environment. These topics include the following sub-domains:

1. Computational methods

- 1a. Computational Methods in fluid flow with heat and mass transfer.
- 1b. Mesh generation and geometrical modeling.
- 1c. Inverse Methods in thermal sciences and optimization.
- 1d. Programming techniques and high performance computing.
- 1e. Lattice Boltzmann Method.

2. Applications

- 2a. Climate change modeling.
- 2b. Flow with heat and mass transfer through porous and micro porous media.
- 2c. Convection with phase change.
- 2d. Free surface modeling.
- 2e. Geophysical flow modeling .
- 2f. Heat transfer by radiation.
- 2g. Renewable Energy and Processes.
- 2h. Atmospheric pollution.
- 2i. Desalination and environment

DEADLINES

September 30: Deadline for paper submission and participation form

October 15 : Notification of final acceptance

November 10 : Registration

November 20-22 : Conference dates

20-21-22 November 09
SOUSSE - TUNISIA

The Conference will be held at 5* Hotel, situated in the tourist area of Sousse, 20 km from the Habib Bourguiba Airport of Monastir and 120 km from Tunis-Carthage Airport



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