

# SECOND BULLETIN-LIST OF ABSTRACTS



Please visit the web site at <http://www.crete08.org/> for additional information and continued updates.

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Topics to be covered at the conference include (alphabetical listing):

- ***Accelerator development***
- ***Characterization of nuclear waste***
- ***Data acquisition and analysis***
- ***Detection of explosives and weapons of mass destruction***
- ***Detection of illicit nuclear materials***
- ***Humanitarian demining***
- ***IBA, PIXE, RBS, ERDA analytical and industrial applications***
- ***Ion beam modification of materials***
- ***Medical imaging***
- ***Nuclear applications in cultural heritage***
- ***Nuclear reactions***
- ***Particle and photon detectors***
- ***Radiation protection/dosimetry***

## **ABSTRACTS**

A list of the abstracts arranged by topic can be found under the heading **CONFERENCE ABSTRACTS** at <http://www.crete08.org>.

## **CONFERENCE PROCEEDINGS**

The conference proceedings will be published by the American Institute of Physics (AIP) in a conference volume. Manuscripts will be refereed, and need to be prepared according to AIP's Author Instructions for AIP Conference Proceedings (for 6x9 inch format) available online at <http://proceedings.aip.org>.

Full manuscripts can be e-mailed to the conference website ([info@crete08.org](mailto:info@crete08.org)) or brought to the conference site on a CD or USB stick.

**DEADLINE FOR MANUSCRIPT SUBMISSION IS JUNE 19, 09**

## **CONFERENCE SITE**

The conference will take place at the Rithymna Beach Hotel located 85 km west of Heraklio, Crete. The hotel has been the site for most of these conferences. Heraklio is served by direct charter flights from various cities of Europe, by several daily flights from Athens (30 min flight time), and several boats from Piraeus (the port of Athens). The boats depart daily early evening arriving early morning at Heraklio. Transportation between Heraklio airport, Heraklio port, and Rithymna Beach Hotel (only on June 13 and 14) and return on June 20 will be provided by the conference. More information on the hotel can be found at [www.aquilahotels.com](http://www.aquilahotels.com).

## **EXPENSES**

The conference registration fee is \$750 (\$850 if paid after May 10, 2009) and includes the book with the conference proceedings, transportation from and to the airport, morning and afternoon coffee breaks, and the conference excursion on Wednesday, June 17. The registration fee must be paid directly to the conference organization by credit card, bank transfer, or check drawn on a US bank. The conference registration and hotel reservation forms can be found at the web site <http://www.crete08.org/>.

All conference activities and social events will take place at the Rithymna Beach Hotel. Under special arrangement, the rates at Rithymna Beach (a 5 star luxury resort hotel) are:

Double room: daily rate of EU 164 per room half board

Single room: daily rate of EU 122 per room half board

For children:

First child (up to 12 years old) sharing parents' room: FREE OF CHARGE

Second child (up to 12 years old) sharing parents' room: EU 30/night

Third person (over 12 years old) sharing double room: EU 50/night

The price includes breakfast and dinner (several dinners are specially arranged for the conference participants) as well as the gala dinner. For participants arriving before June 14, or staying after June 20, the hotel prices are:

Double room: daily rate of EU120 per room half board

Single room: daily rate of EU 100 per room half board

Above prices include breakfast and dinner. The rates are lower because there are no special dinners and activities included.

The hotel accepts all major credit cards, and all major convertible currencies. Direct payment can also be made through bank transfer. Please see the hotel registration form at the web site.

Those wishing to stay in other hotels or pensions on the island may do so, by arranging their own accommodations, and transportation to the conference. Participation at the gala dinner and all other activities organized through the hotel and included in the above mentioned hotel price must be paid separately at the following prices:

Gala dinner EU 50, Greek night EU 35, Fish night EU 40

The conference organizers will have a staffed desk at Rithymna Beach to assist the participants, free of charge, with their travel arrangements or other tourist plans after the conference.

Please note that the conference starts with a reception and dinner on Sunday evening June 14. The gala dinner is on Friday, June 19. We strongly recommend that you participate in the full week-long program of activities and depart on Saturday, June 20.

## DEADLINES AND IMPORTANT DATES

<b>February 15, 2009</b>	<b>Abstract Deadline</b>
<b>March 15, 2009</b>	<b>Notification of Authors</b>
<b>May 10, 2009</b>	<b>Reduced Conference Registration Deadline</b>
<b>June 1, 2009</b>	<b>Guaranteed Hotel Reservation Deadline</b>
<b>June 14, 2009</b>	<b>Conference Registration, Reception, Dinner</b>
<b>June 15-19, 2009</b>	<b>Conference</b>
<b>June 20, 2009</b>	<b>Depart after Breakfast</b>

**Conference Chair:** George Vourvopoulos (SAIC, USA)

**Conference co-chair:** Robert Hamm (R&M Technical Enterprises, USA)

### **Advisory Committee:**

**K. Bharuth-Ram** (iThemba labs/NRF, S. Africa)

**A. Ektessabi** (Kyoto Univ. Japan)

**J. Jones** (Idaho Nat. Lab., USA)

**A. Kuznetsov** (KRI, St. Petersburg, Russia)

**R. Lanza** (MIT, USA)

**P. Mando** (Univ. of Florence, Italy)

**D. McDaniel** (Univ. of N. Texas, USA)

**P. Taras** (Univ. de Montreal, Canada)