



The logo for ECAART 10 features a stylized particle detector or accelerator component on the left, composed of several parallel lines and a central vertical element with a small circle at the top. To the right of this graphic is the text 'ecaart 10' in a lowercase, sans-serif font. The 'e' is orange, and the 'caart' is black, while the '10' is orange. Above the '10' is a small icon of a classical building facade with a pediment and columns.

**10<sup>th</sup> European Conference on  
Accelerators  
in Applied Research and Technology  
Athens, September 13-17, 2010**

The Aristotle University of Thessaloniki, the National Technical University of Athens, the NCSR Demokritos and the National and Kapodistrian University of Athens commonly organized during the period 13<sup>th</sup> to 17<sup>th</sup> of September 2010 the 10<sup>th</sup> European Conference on Accelerators in Applied Research and Technology (ECAART10).

The scope of this multidisciplinary conference, which took place in the facilities of the Training Center of the National Bank of Greece in Glyfada (Athens), was to present the recent developments in accelerator technology and to review the applications of particle accelerators in basic and applied physics research, in material science, medicine, art and archaeology as well as in the earth sciences. The previous conferences of this series took place in Frankfurt a.M./D (1989, 1991), Orleans/F (1993), Zurich/CH (1995) Eindhoven/NL (1997), Dresden/D (1999), Surrey/UK (2001), Paris/F (2004) and Florence/I (2007).

The conference was attended by 160 participants from 34 countries, whereas 20 accompanying persons participated in special activities organized for them.

The conference program, which is also presented in the conference webpage (<http://www.ecaart10.gr>) included 19 invited lectures, 33 oral presentation and 120 posters.

Especially interesting for the participants was the presentation of the two new European facilities under construction; the European X-Ray Free-Electron Laser Facility (XFEL, Hamburg) and the European Spallation Source (ESS, Lund) respectively presented by Prof. Massimo Altarelli and Prof. Mats Lindroos. Both facilities will play a very important role in the basic and applied research of the 21<sup>st</sup> century.

The ECAART10 devoted sessions to nuclear data measurement and evaluation, to ion-beam analysis, to synchrotron radiation, to accelerator-produced neutrons, to recent developments of medical accelerators and to accelerator mass spectrometry.

In parallel with the extremely interesting scientific sessions the participants and their companions had possibility to visit, within the frame of the social program, the archaeological site of Mycenae and Nafplio (the first capital of Greece), and enjoy the greek way of celebrating with a party dinner on the beach.

In the closing remarks of the conference Prof. Klaus Bethge, who was one of the initiators of this conference series and Chairman of ECAART1 (1989) and ECAART2 (1991), thanked the organizers and especially the Chairman of the ECAART10 Organizing Committee Prof. P. Misaelides (Aristotle University and HINP), and the Deputy-Chairman Ass. Prof. M. Kokkoris (National Technical University Athens) for the successful organization of the conference and introduced the organizers of the ECAART11, which will be held in 2013 in Namur (Belgium).