

12th International Balkan Workshop on Applied Physics

Constanța, Romania, July 6-8, 2011



Purpose Applied physics is rooted in the fundamental truths and basic concepts of the physical sciences, being concerned with the utilization of these scientific principles in practical devices and systems. This workshop will address a wide range of topics of frontier research in applied physics and engineering, ranging from fundamental materials issues to device designs and technological or manufacturing challenges.

Topics Contributions are solicited in the following areas:

- condensed matter physics & applications;
- plasma physics & applications;
- atomic and nuclear physics & applications;
- biophysics and environmental physics & applications;
- engineering physics;
- educational physics

Organizers Since 2003 it has become a tradition to hold the workshop every summer in Constanța, Romania. The event is organized by Ovidius University of Constanța, together with the Balkan Physical Union, the Romanian Physical Society, the Academy of Romanian Scientists, the Romanian Materials Society - Crystal Growth Society, and the University of Bucharest.

Workshop Chairman: Victor CIUPINĂ, *Rector of Ovidius University, President of the Balkan Physical Union*

Workshop Honorary Chairman: Vasile CÂNDEA, *President, Academy of Romanian Scientists*

Workshop Co-Chairman: Nicolae ZAMFIR, *West University of Timisoara, President of Romanian Physical Society*

Workshop Co-Chairman: Horia ALEXANDRU, *University of Bucharest, President of the Crystal Growth Society*



Location Constanța is one of the largest cities of Romania, and the most important industrial, commercial and cultural centre of the south-eastern part of the country. The city has always been a centre of ethnic and spiritual diversity, a pole of economic exchanges in the Black Sea region and in South-Eastern Europe. Constanța is located 220 km east of Bucharest, over the ruins of the ancient Tomis, a Greek settlement in VII-th century B.C. Place of exile for the roman poet Ovidius, the city was rebuilt in the IV-th century by the Byzantine emperor Constantine the Great, who renamed it Constantiana. A continuator of ancient traditions of culture and civilization, the city benefits now from a rich historical heritage and spiritual life, with numerous museums and archeological sites. The workshop will be held at the Ovidius University of Constanța in the northern part of the city, close to the summer resort of Mamaia. Located between the Black Sea and the Mamaia Lake, the resort is probably the best summer destination of Romania. Two hours north of Constanța is the Danube Delta, a UNESCO World Heritage Site, paradise for birds, fish and plants.



Deadlines: Abstract submission: April 08, 2011; early registration: May 06, 2011; regular registration: July 06, 2011; manuscript submission: July 08, 2011.

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