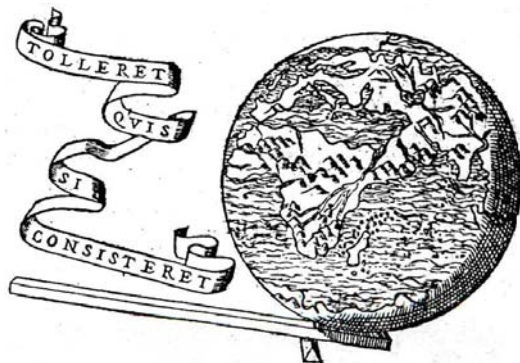


# A World Conference on THE GENIUS OF ARCHIMEDES

## 23 Centuries of Influence on the Fields of Mathematics, Science, and Engineering

8-10 June 2010, Syracuse, Sicily (Italy)

The aim of the Conference is to bring together researchers, scholars and students from the broad ranges of disciplines referring to History of Science and Technology, Mathematics, Mechanics, and Engineering, in an intimate, collegial, and stimulating environment to celebrate the personality and contributions of Archimedes in the 23th century anniversary.



### TOPICS OF THE CONFERENCE

Mathematicians, engineers, physicists, and scientists, along with historians of science, mathematics, and engineering, are invited to present papers demonstrating the enduring and continuing influence of Archimedes.

Original, unpublished papers demonstrating the sequence, progression, or continuum of Archimedean influence from ancient to modern times will be considered for presentation.

A full list of possible topics, drawn from the works of Archimedes, is listed on the Conference web site. They include Hydrostatics, Mechanics, Mathematical Physics, Integral Calculus, Ancient Machines & Mechanisms, History of Mathematics & Machines, Teaching of Archimedean Principles, Pycnometry, Archimedean Legends and others. Also, because of the location of the Conference, there will be a special session on Syracuse at the time of Archimedes. Please query a Conference Co-Chair if you are uncertain whether or not your subject fits within the themes of the Conference.

### CONFERENCE CO-CHAIRS

Professor Marco Ceccarelli is Director of the Laboratory of Robotics and Mechatronics at the University of Cassino (Italy) and has a special interest in the History of Mechanism Design. He created the IFToMM *Symposium on the History of Machines and Mechanisms* and edits a Springer book series, *History of Mechanism and Machine Science*.  
[ceccarelli@unicas.it]

Professor Stephanos A. Paipetis of the Department of Mechanical Engineering & Aeronautics at the University of Patras (Greece), a specialist on Advanced Composite Materials, is actively engaged in research of Ancient Science and Technology, especially of the Homeric Era, which has inspired him to organize several successful symposia on the subject.  
[paipetis@mech.upatras.gr]

### PRESENTATION

The official language of the Conference will be English. The speakers should present their contribution in 15 min with further 5 min for discussion. Slide and overhead projectors, projectors for personal computers, and VHS video system are available for presentation.

### PROCEEDINGS

Only papers with at least one author as a registered participant will be included in the Proceedings, which will be published by Springer in a printed volume. Participants will receive one copy of the Proceedings upon registration.

### INSTRUCTION FOR AUTHORS

Full papers should be submitted by email to one of the Conference Co-Chairs by the deadlines listed below. PDF and Microsoft Word documents are the preferred format. The paper format is available in the webpage. Each paper is limited between 8 to 10 pages. Authors are kindly asked to indicate a preference for poster or oral presentation, and an indication for a suitable title session.

### DEADLINES

Submission of Full Papers:	1 Nov 2009
Notification of Acceptance:	10 Dec 2009
Final submission of Full Papers	10 Jan 2010
Official Acceptance of Papers:	20 Jan 2010

### REGISTRATION FEES

Participants:	€350
Graduate Students:	€200
(Admission to all Conference sessions, Opening Reception, and Conference Proceedings)	
Undergraduate Students:	€50
Accompanying Persons:	€150
(Admission to all Conference sessions and Opening Reception)	

Payment should be made by sending a check or by bank transfer as indicated at the Conference web page/Registration.

### CONFERENCE LOCATION

Syracuse lies on the east coast of Sicily 53 km south of Catania ([www.comune.siracusa.it](http://www.comune.siracusa.it)). In early June Syracuse is sunny with an average temperature of 24°C/75°F.

### ACCOMMODATION

Hotels of all classes are available at reasonable prices in Syracuse. Information will be available in the conference web page. It is hoped that Conference participants will stay in Ortygia, the ancient city, and walk to all Conference events.

### TRAVEL INFORMATION

Syracuse is accessible by air, car, train, and bus. The [Catania-Fontanarossa Airport](#) is 53 km north of Syracuse, about a one-hour drive. The [Palermo International Airport](#) is 210 km northwest of Syracuse, a four-hour drive. From Central Europe by car, take the A3 Autostrada to Reggio Calabria and cross the Straits of Messina by ferry. Follow the A18 toll road to Catania, continuing on the SS114 to Syracuse.

### STEERING COMMITTEE

Prof. Thomas G. Chondros (*Greece*)  
 Prof. Alexander A. Golovin (*Russia*)  
 Prof. Harry G. Harris (*USA*)  
 Prof. Juan Ignacio Cuadrado Iglesias (*Spain*)  
 Prof. Alexander Jones (*USA*)  
 Prof. Teun Koetsier (*Netherlands*)  
 Prof. Edward J. Larson (*USA*)  
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 Prof. Theodosios P. Tassios (*Greece*)  
 Prof. Roger Wilson (*Canada*)  
 Mr. Michael Wright (*United Kingdom*)  
 Prof. Baichun Zhang (*China*)

### Organized by

- The City of Syracuse (*Italy*)
- The Western Greece Region (*Greece*)
- The Institute of Culture and Quality of Life (*Greece*)
- The University of Cassino (*Italy*)
- The University of Patras (*Greece*)
- The Hellenic Open University (*Greece*)
- The e-RDA Innovation Center (*Greece*)

### Under the patronage of

- IFToMM, The International Federation for the Promotion of Mechanism and Machine Science
- The Hellenic Mathematical Society (*Greece*)

Web Page: <http://www.archimedes2010.org/>