

**INTERNATIONAL CONFERENCE
« ARISTOTLE AND CONTEMPORARY SCIENCE »
THESSALONIKI (GREECE), SEPTEMBER 1-4, 1997**

The conference is *organized by*
Aristotle University of Thessaloniki
Co-organizer : Organization for the Cultural Capital of Europe
Thessaloniki 1997

Aristotle not only produced an extremely significant work in *Metaphysics* and *Logic*, but also in particular sciences like *Physics*, *Psychology* and *Biology*. The advent of modern science in the seventeenth century led people to dismiss almost all these latter contributions and to assume that they could not possibly be of value for our own era. However, as we now approach the twenty-first century, deep changes are taking place in the way theorists view the physical world, some of which have proved analogous to certain views of Aristotle's. For example, we now have come to see — as he did earlier — that it is a mistake to try to understand scientific facts within the context of a mechanistic determinism and narrow positivism.

The purpose of this conference is to explore the relevance of Aristotle's thought to developments in various different parts of contemporary science. More generally, we also intend to show how Aristotle's thinking sheds light on problems about scientific method, the character of scientific knowledge, the concepts of causality and teleology, the role of mathematics, the criticism of atomism and determinism, and the understanding of fundamental categories.

The *official language* of the conference will be English. Plenary sessions will have simultaneous translation (Greek, English, French).

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