

## Trends in Complex Systems

# International Workshop on 150 Years after Darwin: From Molecular Evolution to Language

Palma de Mallorca, November 23 - 27, 2009

Scientific coordination:

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Two hundred years since the birth of Charles Darwin and a hundred and fifty years since the publication of "On the Origin of Species", the theory of evolution is now a conceptual cornerstone in a wide number of areas of research outside its original field of application. Evolutionary biologists, linguists, physicists, economists, and social scientists nowadays use the notions of evolution and adaptation in their research. In each of those areas, the mechanisms behind the relevant dynamics (stochastic appearance of mutants, cultural innovations or social strategies, inheritance or spread of a new variant, and selection through competition) take a specific form that, nonetheless, shapes the structure and organisation of each system in a way that can be recognised as arising from "evolutionary dynamics" in its broadest sense. These anniversaries seem an ideal opportunity to bring together researchers from the variety of disciplines which now use the evolutionary paradigm, to review progress, learn from each other and initiate new collaborations.

### Invited speakers:

**W. Brian Arthur**  
**Ulf Dieckmann**  
**Sergey Gavrilets**  
**Antonio Lazcano**  
**Karl Sigmund**  
**Luc Steels**

**Fernando Baquero**  
**Barbara Drossel**  
**Herbert Gintis**  
**Andrés Moya**  
**Gerald Silverberg**  
**Arne Traulsen**

**William Croft**  
**Bruce Edmonds**  
**Peter Hammerstein**  
**Luca Peliti**  
**Ricard V. Solé**  
**Eric Westhoff**

**Bernard Derrida**  
**John Foster**  
**Michael Lässig**  
**Maxi San Miguel**  
**Peter F. Stadler**  
**Ulrich Witt**

Applications for participation and contributions are welcome and should be made by using the application form on the workshop web page (please see URL below). The number of attendees is limited. The applicants' registration fee for the workshop is 100 Euro. Costs for accommodation will be covered during the workshop. Limited funding is available on request to partially cover travel expenses.

Deadline for applications is: **July 5, 2009.**

### CONTACT:

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