

Carles Simó

## **English version**

Born in Barcelona in 1946.

Got a degree in Mathematics from the Universitat de Barcelona and, simultaneously, a degree in Industrial Engineering from the Universitat Politècnica de Catalunya. Ph.D. in Mathematics for the U. de Barcelona.

Full professor in Applied Mathematics since 1975.

He has published near 250 papers in Mathematics, mainly in Dynamical Systems. He has attended a similar number of scientific events, mostly as key note or invited speaker.

The groups of Dynamical Systems started from him at the different Universities in the Barcelona area have produced near 100 Ph.D. in Mathematics.

Member of American Mathematical Society, Société Mathématique de France, International Astronomical Union, New York Academy of Sciences, etc. Academician for the Academies of Sciences of Barcelona and Madrid.

His current research topics are:

1. Study of general properties of dynamical systems,
2. Hamiltonian systems, symplectic maps and related topics,
3. Dissipative systems: Attractors and universal properties,
4. Celestial mechanics,
5. Analysis and design of spacecraft orbits,
6. Numerical indicators of the dynamics,
7. Computer assisted studies in dynamical systems.

A key point in his research is the combination of all kinds of methods (analytical, geometrical, algebraic, numerical, etc) to study different mathematical models and their applications.