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Work Phone: +34 91 497 5043 Work

Email: [fernando.flores@uam.es](mailto:fernando.flores@uam.es)

**FERNANDO FLORES SINTAS** Emeritus  
Professor [First-principles Atomistic  
Simulation Techniques](#)

Work Module 5, Office 607, 6th floor.

### Biographical Info

Born, 19 February 1939, Cartagena, Spain.

Married: Araceli. 1 son; 3 daughters.

Engineer, Politechnic, Madrid, 1963.

Degree in Physics, Universidad Complutense, Madrid, 1966.

PhD Degree, Politechnic, Madrid, 1970.

Post Doctoral Fellow, Research Council, Madrid, 1970-76.

University of Lille, France, 1976.

Imperial College, London, 1977.

Full Professor in Teorical Condensed Matter Physics, Autonomous University of Madrid, from 1978.

### Appointments

Emeritus Professor, 2009.

Full Professor, Madrid, 1978.

Visiting Professor, Oxford, UK, 1981.

Head of Department, Autonomous University, Madrid, 1981-1996 and 2001-04.

Head, Institute of Materials Science, Autonomous University of Madrid, Madrid, 1993-1996.

Head, Condensed Matter Group, Spanish Physical Society, 1981-85.

Board, Condensed Matter Group, European Physical Society, 1987-93.

Board, Advisory Committee of the Ministry of Science and Technology, 1997-2000.

Adjunct Professor, Waterloo University (Canada) 2002.

## Honors and Awards

American Physical Society Fellowship, 1987.

Golden Medal of the Spanish Physical Society, 1991.

Iberdrola Prize, 1993.

Spanish National Prize of Physics "Blas Cabrera", 2001.

Medal of the Spanish Association of Civil Engineers, 2004.

Semiconductor Surfaces, Interfaces and Nanostructures Prize, 2011.

## Memberships

American Physical Society.

Spanish Physical Society.

Spanish Association of Civil Engineers.

## Research Interests

Organic Materials.

NanoScience.

Many-body Theory.

## Relevant/Recent Publications

Around 400 papers in international journals and condensed matter series.

Several books including: "Introduction to the Theory of Solid Surfaces" (Cambridge University Press), "Interaction of Charges and Particles with Solids and Surfaces" (Plenum).

Supervisor of 27 Ph.D. thesis.

Coordinator of more than 20 research projects.

H-index: 49.

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