

De Broglie  
Causal Research Realistic Program  
and the  
Lisbon School

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**Abstract**

Andrade e Silva a disciple of de Broglie came to the University of Lisbon in 1972 with the main purpose of spreading his master's realistic causal ideas, thus initiating Lisbon School.

In cooperation with Fanco Selleri's Italian group and Jean Pierre Vigièr, in the spirit of de Broglie realistic program, were able, for the first time, to propose experiments that could decide on the ontic nature of the quantum waves. That is, deciding by praxis whether quantum waves are mere probabilistic waves devoid of any physical meaning, as claimed by the usual interpretation of quantum Mechanics, or, on the contrary, just as electromagnetic waves, seek to represent real physical entities.

A brief history of the development of de Broglie causal realistic program by Lisbon School shall be presented.

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