



Simposio Internacional: El legado de Alan Turing
International Symposium: The Alan Turing legacy

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Logic, Computation, Knowledge Representation and Problem Solving

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Alan Turing laid the foundation for the beginning of a long standing partnership between logic and the science of computation. Since the 1970s this partnership has expanded, deepened and diversified in many new directions. Logic became an inspiration for designing programming languages, a tool for specification and semantics, and an instrument for verifying the correctness of software. It has also provided languages for reconstructing human knowledge and for modeling and automating many human reasoning tasks. In this talk I discuss some of the current work in artificial intelligence that involves the use of logic for programming, problem solving, knowledge reconstruction and the analysis of artificial societies.

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