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# AVISO DE CONFERENCIA

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## The role of ontologies in machine-machine communication

Dra. Asunción Gómez Pérez  
Universidad Politécnica de Madrid

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*entrada libre hasta completar el aforo*

### resumen:

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In this talk I will analyse how the use of ontologies have evolved during the last two decades, moving from the notion of a shared understanding of a particular domain being used to communicate humans with computers towards a key modelling component that allows machine-machine communication and negotiation across different domains and spoken languages.

### sobre Asunción Gómez:

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Prof. Dr. Asunción Gómez-Pérez is Full Professor at the Univ. Politécnica de Madrid. She is the Director of the Artificial Intelligence Department (2008) and Director of the OEG at UPM (1995). Her main research areas are: Ontological Engineering, Semantic Web and Knowledge Management. She led at UPM the following EU projects: Ontoweb, Esperanto, Knowledge Web, NeOn, SEEMP, OntoGrid, ADMIRE, DynaLearn, SemSorGrid4Env, SEALS and MONNET. She coordinated OntoGrid and now she is coordinating SemSorGrid4Env and SEALS. She is also leading at UPM projects funded by Spanish agencies. The most relevant are: España Virtual, WEBn+1, GeoBuddies and the Spanish network on Semantic Web. She has published more than 150 papers and she is author of one book on Ontological Engineering and co-author of a book on Knowledge Engineering. She has been co-director of the summer school on Ontological Engineering and the Semantic Web since 2003 up to now. She was program chair of ASWC'09, ESWC'05 and EKAW'02 and co-organiser of many workshops on ontologies.