

Nikolaos Lagos and Rossitza M. Setchi. **A manufacturing ontology for e-learning** , 3rd IPROMS e-conference, 2-13 July 2007, Cardiff, UK.

The paper presents the common ontology being developed in the ISAR project that integrates different aspects of the e-learning ISAR system. First existing ontologies developed in the manufacturing domain are reviewed and the need for an integrated approach towards developing e-learning lessons based on a common ontology is established. The presented ontology defines the training material, context, and manufacturing domains, as well as their interactions. An illustrative example demonstrates the use of the common ontology as part of the ISAR e-learning system.