

**FLEXIBLE ASSEMBLY SYSTEMS THROUGH WORKPLACE-SHARING AND TIME-SHARING
HUMAN-MACHINE COOPERATION – PISA**

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Abstract: PISA is a European Integrated Project (IP). It aims to develop intelligent assist systems (IAS) that support the human worker instead of replacing him. Thus, flexibility should not be achieved through fully automated assembly systems but should instead permit a better integration of human workers. PISA was launched in September 2006 and is planned for a duration of four years. PISA involves 18 partners from seven European countries, four large companies, seven SME and seven research institutes/universities. This paper presents an overview of the project, its structure, objectives and content of work. *Copyright © 2007 IFAC*

Keywords: Assembly, robotics, collaborative robots, human-centered design, reusability.