ANNEX A

PUBLIC SELECTION BASED ON QUALIFICATIONS AND INTERVIEW FOR THE AWARDING OF NO. 1 GRANT LASTING 12 MONTHS FOR CONDUCTING RESEARCH IN ACCORDANCE WITH ART. 22 OF LAW OF 30.12.2010 NO. 240 AT THE DEPARTMENT OF MANAGEMENT, INFORMATION AND PRODUCTION ENGINEERING OF THE UNIVERSITY OF BERGAMO (ACADEMIC RECRUITMENT FIELD 09/H1 – INFORMATION PROCESSING SYSTEMS - ACADEMIC DISCIPLINE ING-INF/05 – INFORMATION PROCESSING SYSTEMS AS PART OF THE RESEARCH PROJECT "FLEX: FLEXIBLE SOFTWARE SYSTEMS FOR AUTONOMOUS ROBOTS".

announced with decree of the Rector Rep. no. 162/2017 of 24.03.2017 and posted on the official registry of the University on 24.03.2017

RESEARCH PROJECT

"Toolchain integration for robotic systems design and analysis"

Autonomous mobile robots are versatile machines that are increasingly used in a number of new fields (e.g. warehouse logistics, agriculture, civil protection). In order to be deployed in such a variety of different scenarios, their control systems must satisfy a number of functional and non-functional requirements (safety, robustness, etc.). The project will explore model-driven engineering technologies to support the design and analysis of software architectures for embedded systems and will investigate their applicability in the robotics domain.