

**PUBLIC SELECTION BASED ON QUALIFICATIONS AND INTERVIEW FOR THE AWARDING OF NO. 2 EARLY STAGE GRANT LASTING 12 MONTHS FOR CONDUCTING RESEARCH PURSUANT TO ART. 22 OF LAW NO. 240/2010 AT THE DEPARTMENT OF MANAGEMENT, INFORMATION AND PRODUCTION ENGINEERING (ARF 09/H1 - INFORMATION PROCESSING SYSTEMS - AD ING-INF/05 - INFORMATION PROCESSING SYSTEMS) - TYPE B
PICA CODE: 19AR010**

announced with decree of the Chancellor Rep. no. 798/2019 of 09.12.2019 and posted on the official registry of the University on 13.12.2019

Research structure: Department of Management, information and production engineering

Duration of the grant: 12 months

Scientific Area: 09 – Industrial and information engineering

Academic recruitment field: 09/H1 – Information processing systems

Academic discipline: ING-INF/05 – Information processing systems

Scientific Director: Prof. Stefano Paraboschi

RESEARCH PROJECT - CODE 1

“Development of security technology for digital data markets”

The objective of the project is to operate in the scenario of digital data markets. A line of research concerns the development of techniques for managing high-level security policies that specify the data owner's preferences with respect to how data can be transmitted and manipulated in a market for access to digital data. The second line of research looks at the application of security requirements in technologies for handling large amounts of data. For instance, Cloud infrastructures and technologies based on the map-reduce paradigm and its evolutions are considered.

RESEARCH PROJECT - CODE 2

“Development of data protection technology for digital markets”

The objective of the project is to operate in the scenario of digital data markets. A line of research concerns the development of techniques for managing high-level security policies that specify the data owner's preferences with respect to how data can be transmitted and manipulated in a market for access to digital data. The second line of research looks at the application of security requirements in technologies for handling large amounts of data. For instance, Cloud infrastructures and technologies based on evolutions of the map-reduce paradigm are considered.