

## **Three-dimensional digitization. Data, representation, design**

Dr. Leopoldo Repola

12 hours – 3 CFU

### **Short Program of the Course:**

- Real numerical models\_The virtual as a method for analysis and design (3 hours)
- Technologies for the terrestrial, marine and coastal three-dimensional survey (3 hours)
- Devices and processes for the survey of architectures and urban contexts (3 hours)
- Data management software and procedures \_ From point clouds to polygonal models (3 hours)