

# TECHNOLOGICAL INNOVATION AND PATENTS: NEW OPPORTUNITIES

15 June 2022

The aim of the day is to provide people of Istituto Italiano di Tecnologie (IIT), with basic knowledge about procedures and patenting tools which may help to protect the technological innovations developed by IIT's research teams.

Reference will be made to the general principles underlying the patent system, for understanding how they can be applied in the activities of IIT and to provide useful information for developing innovation.

Suggestions will be given for the best evaluation of the Intellectual Property (IP) portfolio in the case of licenses, standards, transfer or acquisition of technologies, or in cases where the evaluation will serve to determine the damage caused by infringements of IP rights.

The seminar will include discussions of real cases.

## PROGRAM

### **Filing patent applications: Who? What? Where? When? Why?**

*Special focus on Computational sciences, Life sciences, Nanomaterials, and Robotics*

- Basics on patent application filings
- Focus on different types of inventions (product, process, use, etc.) recognized by national, European and International systems
- Differences between patents, utility models and industrial designs

### **Novelty, inventive step, industrial applicability: criteria to recognize the patentability of R&D results**

- How to evaluate the innovative content of a new discovery
- The method to manage the various steps for patenting new products or processes
- The prior art searches as a prevention and a driver tool for the innovation

### **Construction and use of a patent: from the preparation to the filing, until grant and opposition against the patents of competitors**

- Best practices to follow: confidentiality agreements (NDA), internal disclosure forms of inventions (IDF or ROI)
- How to draft a patent for coping with the validity requirements and to obtain the best protection scope
- Geographical extension and patenting costs in the world

### **Enforcement and exploitation of patent protection (operation - licensing)**

- Legal actions In Italy and abroad
- Estimation of infringement damages
- Licensing activity
- Patent evaluation