IoT is becoming the key-enabler in many domains to evolve and adapt to new challenges, such as Industry 4.0, Smart Cities or Smart Communities. With the adoption of IoT, the discovery of devices, infrastructures, or related services within IoT ecosystems has become a challenging task due to its many implications; from the perspective of data models, or ontologies, to the design of time-efficient algorithms. Due to its complexity IoT discovery has been addressed by different standardisation initiatives such as E3C, ETSI, IEFT, ITRF, OGC, and oneM2M.

The International Workshop on Discovery on the Internet of Things (DIoT) has two main goals. First, it intends to drive the discussion about current trends and future challenges of discovery on the Internet of Things. Second, it aims at supporting communication and collaboration with the goal of aligning the various efforts within the community and accelerating innovation and standardisation in the associated fields.

The DIoT is a half-day workshop that will accept regular and demo papers focusing on presenting novel tools, applications, algorithms, or data models extending existing ones for discovery. It will count with a round table of experts that will debate about well-known discovery issues and methodologies.