

# TIM TOPICS 2019

List of topics:

The Trust & Identity Incubator offers students practical topics in the following work areas:



## **T&I Incubator: Sprint 1** **Internship start: 12 November 2019**

### **Identity and Access Management**

Identity and Access Management (IAM) is about creating and managing digital identity for users, which can be used to represent a person in the digital world. Using state of the art authentication and authorization methods ensures that only the owner can access his identity and only entitled can access a resource.

In this area, it is all about Identity Providers, Identity Federation, Service Providers and Discovery Services. Your project may improve existing software solutions or create new applications for a global community.

### **Standards and Protocols**

Building on top of existing infrastructure and applications, Standards and Protocols is about creating new ways to for applications and users to communicate.

This area is all about protocols and standards used or being developed in the global Trust and Identity community, like the Security Assertion Markup Language (SAML) and Open ID Connect (OIDC), which will be used to integrate new capabilities in an already existing large infrastructure.

### **Security and Privacy**

Security is an integral part of most applications and infrastructures. Ensuring data protection, privacy and safety by using measures like encryption and cryptography is nowadays mandatory.

In this area, you may investigate, test and integrate new security features in existing Trust & Identity applications or to create new services that help secure our community, by working on for example multi factor authentication or HSM technologies