General information

Company name: JCP-Connect

Contact name: Amel Arfaoui

Email: amel.arfaoui@jcp-consult.com

Telephone number: 0767811930

Targeted (sub)topics

SU-DS02-2020: Intelligent security and privacy management (a): Dynamic governance, risk management and compliance

SU-AI02-2020: Secure and resilient Artificial Intelligence technologies, tools and solutions in support of Law Enforcement and citizen protection, cybersecurity operations and prevention and protection against adversarial Artificial Intelligence

SU-INFRA01-2018-2019-2020: Prevention, detection, response and mitigation of combined physical and cyber threats to critical infrastructure in Europe

Competencies

- *Organization competencies*
    - Development of edge-based security solutions for IoT applications.
    - Content caching security implementation for ICN.
    - Implementing IPS/IDS for IoT applications.
- *Organization experience in the European project*
    - JCP-Connect has more than 15 years of experience in developing innovative solutions.
    - It has been involved in more than 25 European funded collaborative projects.
    - Current projects: Drone communications UAV RETINA (EIT Digital), Mobile Edge Computing 5GMEDE (CELTIC), Smart City Infrastructure Based on Vehicular Network SCENE (FTI H2020), Communications for Intelligent Video Sensor for Law Enforcement Agencies FORENSOR (H2020).
- *The skills you can bring*
    - Efficient and effective edge security solutions with continuous and adaptive risk management.
    - Appropriate Artificial Intelligence approach that can meet the different application requirements.
    - Distributed computing to enhance network performance.

Project idea

- *Deep learning for Adaptive Risk Management in IoT*
  - *Approach*: A novel distributed adaptive risk management approach to assess the risk level and implement the appropriate security policy in order to ensure an optimal tradeoff between security effectiveness and energy efficiency.