European AI Security network CrossTalk event: leading the future of AI in Healthcare

10 EU funded projects will discuss with European authorities their solutions on AI and Cybersecurity

Brussels, October 22, 2024 – On October 22nd, the **European AI Security Network (EASiNet)** will host a highly anticipated **CrossTalk Event** at the **Delegation of the Emilia-Romagna Region to the EU** in Brussels. This exclusive, invitation-only event is set to be a milestone in the collaboration between European-funded AI and cybersecurity projects and key European authorities.

The event will showcase innovative solutions developed by ten major **EU-funded projects**, which include **TRUMPET, FLUTE, ENCRYPT, HARPOCRATES, PAROMA-MED, KATY, ONCOVALUE, AI4EOSC, EOSC-TITAN, EOSC-SIESTA**

These projects form a network of more than **50 partners** across Europe as hospitals, ICT companies, legal agencies, research institutes, collaborating to address crucial challenges in **Cloud Security**, **Privacy Enhancing Technologies (PETs)**, and **Federated Learning** for healthcare applications. Each of these projects is at the forefront of research aimed at creating secure, privacy-preserving frameworks that will play a vital role in the future of healthcare and AI technologies.

The event will also feature distinguished contributions from **ENISA**, and from the **European Commission** - DG SANTE, DG CONNECT - whose representatives will provide critical insights into ongoing and future European policies. The discussions will focus on how these policies can support the implementation of AI-driven innovations while ensuring strong data protection and privacy standards.

Key topics addressed during the event:

- **Cloud Security for Data**: Innovations in secure data storage and processing in cloud environments.
- **Privacy Enhancing Technologies (PETs)**: Cutting-edge methods, including encryption and data watermarking, to protect sensitive data.
- **Federated Learning Adoption and Certification in Healthcare**: The challenges and opportunities of implementing Federated Learning in healthcare, including regulatory compliance and privacy-preserving data-sharing platforms.

Jelena Vasic, *HARPOCRATES Manager, emphasized the project's focus on privacy-preserving technologies: "The use of large volumes of user data provides opportunities for service improvement, but often at the cost of privacy. Systems can be biased, unfair, and rely on inaccurate proxies like geography, gender, or race. HARPOCRATES aims to change this by designing cryptographic solutions, such as Functional Encryption and Hybrid Homomorphic*

Encryption, to analyze data securely and fairly. Our goal is to combine cryptography with differential privacy to protect databases and develop machine learning models capable of classifying encrypted data. This will be demonstrated in real-world applications, including health data analysis for sleep medicine and threat intelligence for local authorities."

Info & contact

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