

Exploitation and Dissemination Activity Report

Type of the Activity:

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<input type="checkbox"/> BIECO's Press Release
<input type="checkbox"/> BIECO'S Dissemination Templates | <input type="checkbox"/> BIECO's Meeting of the Consortium
<input type="checkbox"/> Scientific Papers
<input type="checkbox"/> Articles in Research Journals
<input type="checkbox"/> Academic Conferences
<input checked="" type="checkbox"/> X Events at National/International Level
<input type="checkbox"/> Public Workshops
<input type="checkbox"/> Concertation activities with other EU-Funded project
<input type="checkbox"/> Clustering Activities
<input type="checkbox"/> Sharing results Activities
<input checked="" type="checkbox"/> X Training Activities
<input type="checkbox"/> Others Activities
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Summary of the Activity:

TAROT -- 16th International Summer School on Training And Research On Testing

Invited Talk

Speaker: Eda Marchetti – Isti CNR Pisa

Schedule: from 10 to 11.15 - 23rd of October 2020

Title Enhancing Authorization Systems with Data Protection Compliance

The General Data Protection Regulation (GDPR) defines the principle of Integrity and Confidentiality, and implicitly calls for the adoption of Access Control Systems for regulating the access to personal data. For this an essential step is to augment access control systems with concepts from the GDPR, and encode the most suitable provisions of the GDPR as Access Control Policies (ACPs). This requires organizations to deploy and test adequate fine-grained access control mechanisms. This talk explores the available proposals for the automatic enforcing and testing of the data protection regulations and discusses their main challenges.

Objective of the Activity

TAROT (Training And Research On Testing) is a network created to foster the mobility of students, faculty members and research scientists working in the field of testing of software and communication systems. This summer school brings together lecturers, researchers, students and people from the industry across Europe for one week of presentations, discussions and getting to know each other.

Meta Data of the Activity

Location	Porto Portugal
Link	https://web.fe.up.pt/~tarot2020/index.html
Duration	19-23 October 2020

Level of Impact	Around 40 participants (number of people or organizations that could get impact by the activity)
Other information	

Participants In the Activities and their Roles

Participant's Name	Organization	Role in the Activity
Eda Marchetti	CNR- ISTI	Speaker
Said Daoudagh	CNR- ISTI	PhD participant

Timing of the Activity :

Start Date:


End Date :

Activity	2020				2021												2022												2023								
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Sharing results Activities																																					
Other Dissemination Activities																																					

Already Done

Other release pending


To be done



Cyber Security for Europe

Stai visualizzando lo schermo di Eda Marchetti


Visualizza opzioni



BIECO
Building Trust in Ecosystems
and Ecosystem Components

Enhancing Authorization Systems with Data Protection Compliance

Eda Marchetti
Institute for Information Science and Technologies
"Alessandro Faedo" (ISTI)
Pisa - Italy



Said Daoudagh...

TAROT SUMMER 2020
Ana Cristina Paiva

Eda Marchetti

Sina Entekhabi

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Riattiva l'audio

Avvia video

Partecipanti 13

Chattare

Condividere lo schermo

Registrazione

Reazioni

Lascia

Ciao



Eda Marchetti, senior researcher@CNR-ISTI-SEDC Lab

Background: Software Testing, in particular

- Privacy (GDPR) and security specification and enforcement
- Monitoring and testing of security and privacy mechanisms
- Model-based testing and monitoring
- SOA, component-based, cloud-based testing
- Business process modeling and testing



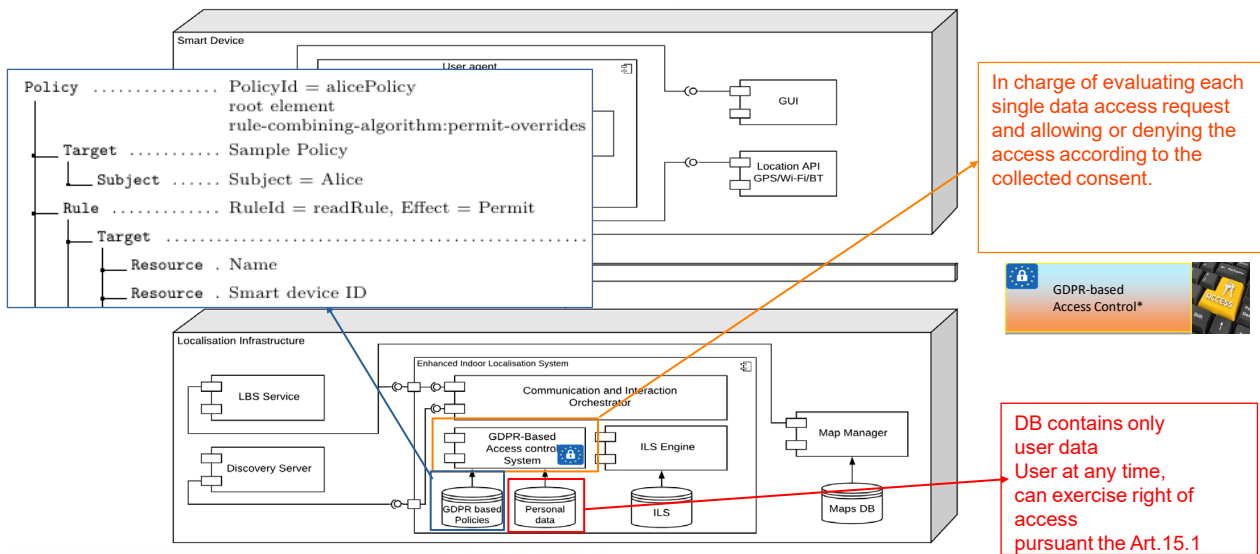
Access Control Development Life Cycle



How to Compose the Puzzle



Improved Architecture



Future work

- Improving telegram prototype
- Using GDPR-Based ILS for improving user experience with Covid-19 safety restrictions



I want to thank all speakers



General Chair
Ana Paiva
Faculty of Engineering of the University of Porto, Portugal



Ana Cavalli
Telecom & Management SudParis, France



Anna Rita Fasolino
Università Degli Studi Di Napoli Federico II, Italy



Bernhard Aichernig
Graz University of Technology, Austria



Eda Marchetti
CNR (the Italian National Research Council), in Pisa, Italy



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