



## ONLINE WORKSHOP

In the framework of the Data & Web Science MSc Programme,  
School of Informatics, Aristotle University of Thessaloniki

### ***Data Analytics to strengthen Healthcare Cybersecurity*** *The example of the CUREX project*

Date: Monday March 22, 2021

Time: 16:00pm - 19:00pm CET

Location: Online (through the Zoom platform)

#### Workshop objectives

To give to MSc students a tour of the work related to exploiting data analytics for enhanced cybersecurity and provide concrete examples based on the innovations produced by the CUREX project towards the healthcare domain.

#### Workshop Agenda

16:00 - 16:10	<i>Opening &amp; Welcome</i> Speakers: <b>Prof. Athena Vakali</b> (Aristotle University of Thessaloniki) & <b>Assoc. Prof. Anastasios Gounaris</b> (Aristotle University of Thessaloniki)
16:10 - 16:40	<i>Session 1: Data security and privacy in the health sector: The CUREX approach</i> Speaker: <b>Prof. Christos Xenakis</b> (University of Piraeus)
16:40 - 17:10	<i>Session 2: Healthcare Information Systems &amp; data modelling challenges / CUREX Data Model</i> Speaker: <b>Post Doc Researcher Georgia Kougka</b> (Aristotle University of Thessaloniki)
17:10 - 17:20	<i>Comfort Break</i>
17:20 - 17:50	<i>Session 3: Healthcare security ontologies for semantic representation of data / CUREX Asset Discovery</i> Speakers: <b>Assist. Prof. Antonio J. Díaz-Honrubia</b> (Polytechnic University of Madrid) & <b>PhD Student Lucía Prieto Santamaría</b> (Polytechnic University of Madrid)
17:50 - 18:20	<i>Session 4: Analytics for vulnerabilities &amp; threats profiling / CUREX Knowledge Extraction Analytics</i> Speaker: <b>Dr. Athanasios Naskos</b> (Aristotle University of Thessaloniki)
18:20 - 18:50	<i>Session 5: Analysing cybersecurity threats in healthcare digital infrastructure / CUREX Threat Intelligence Engine</i> Speaker: <b>Senior Data Engineer Evmorfia Biliri</b> (Suite5)
18:50 - 19:00	<i>Closing</i>

\* All times are displayed in Central European Time

\*\* Sessions include a presentation as well as questions and discussion

\*\*\* All presentations and discussions will be in English

Free registration is required for participation to the workshop: <https://forms.gle/h1YwGaPi3EVTRUAX7>

You can find more information at the webpage of the Data & Web Science MSc programme of the School of Informatics, Aristotle University of Thessaloniki: <https://dws.csd.auth.gr>

This workshop is organized by the Data & Web Science Laboratory, School of Informatics, Aristotle University of Thessaloniki with the support of the CUREX project. Visit the CUREX website to read about the scope of the project and its activities: <https://curex-project.eu>



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