Contribution ID: **21** Type: **Zamestnanci informatika**

Explainable Malware Analysis

Wednesday, November 26, 2025 3:18 PM (1 minute)

Malware analysis increasingly relies on machine learning classification. In this mission-critical domain, analysts require deeper insights that justify the classification results and help them understand how the results were reached. In the project EMA (NextGenerationEU/Recovery and Resilience Plan project No. 09I05-03-V02-00064), we focus on applications of eXplainable (XAI) methods that enable such insights. We develop suitable datasets, select the most promising XAI methods, and also focus on the presentation of the justifications/explanations to the user.

Pracovisko fakulty (katedra)/ Department of Faculty

KAI

Tlač postru/ Print poster

Budem požadovať tlač /I hereby required to print the poster in faculty

Authors: HOMOLA, Martin; BALOGH, Štefan (FEI STU); KĽUKA, Ján (FMFI UK); CHUDÁ, Daniela (KInIT); BEČKOVÁ, Iveta; KOPČAN, Jaroslav (KInIT)

Session Classification: Poster session + káva: prezentácie vedeckých výsledkov FMFI UK Zamestnanci Informatika

Track Classification: Poster session + káva: prezentácie vedeckých výsledkov FMFI UK Zamestnanci: Poster session + káva: prezentácie vedeckých výsledkov FMFI UK Zamestnanci Informatika