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Nota di contenuto	Intro -- Workshop Editors -- Preface -- Organization -- Contents -- First International Workshop on AI for Web Application Infrastructure and Cloud Platform Security (AWACS 2022) -- Preface to the AWACS 2022 Workshop -- Organization -- Workshop Co-organizers -- Program Committee -- Additional Reviewers -- Towards a Metadata Management System for Provenance, Reproducibility and Accountability in Federated Machine Learning -- 1 Introduction -- 2 Background -- 2.1 Federated Machine Learning -- 2.2 Data Governance -- 2.3 ML Metadata Management -- 3 Related Work -- 4 FML Metadata Management -- 5 Metadata for Governance in FML -- 6 Metadata Management System -- 6.1 Architecture View -- 6.2 Implementation -- 7 Use Case Demonstration -- 7.1 Metadata Uses -- 7.2 Experiment Settings -- 7.3 Assessment of Uses -- 8 Conclusions and Future Work -- References -- Towards a Secure Peer-to-Peer Federated Learning Framework -- 1 Introduction -- 2 Problem Statement -- 2.1 Underlying Threat Model -- 2.2 Federated Preprocessing of Training and Test Data -- 3 Concept of the Decentralized P2P Framework -- 3.1 Secure Model Aggregation -- 3.2 Secure Preprocessing Tasks -- 4 Experiments -- 4.1 DNN Architecture and Example Dataset -- 4.2 Procedure and Evaluation -- 5 Related Work -- 6 Conclusion and Future Work -- References -- MIDA: Micro-flow Independent Detection of DDoS Attacks with CNNs -- 1 Introduction -- 2 MIDA in a Nutshell -- 3

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