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Nota di contenuto	Intro -- Preface -- Organization -- Towards Privacy-Preserving and Trustworthy AI (Abstract of Keynote Talk) -- Contents -- Trust Evaluation -- Monitoring Access Reviews by Crowd Labelling -- 1 Introduction -- 2 Theoretical Background -- 2.1 Research Method -- 3 Problem Formulation -- 3.1 Practice-Inspired Research -- 3.2 Defining Access Review Decision Quality as an Instance of a Class of Problems -- 4 Theory-Ingrained Artifact -- 4.1 Designing the Initial Artifact -- 4.2 Applying Crowd Sourcing Theories to Access Reviews -- 5 Building, Intervention and Evaluation -- 5.1 Mutually Influenced Roles -- 5.2 Access Review Campaign Data -- 5.3 Reciprocal Shaping -- 5.4 Evaluation -- 6 Conclusion -- References -- Automating the Evaluation of Trustworthiness -- 1 Introduction -- 2 The TE Framework -- 2.1 Defining Trustworthiness -- 2.2 Requirements -- 2.3 Framework Participants -- 2.4 Data Model -- 2.5 Rulebooks -- 2.6 Trustworthiness Evaluation -- 2.7 Instance Data -- 3 Implementation

-- 4 Related Work -- 5 Conclusions and Future Work -- References -- Security Risks -- At Your Service 24/7 or Not? Denial of Service on ESInet Systems -- 1 Introduction -- 2 Preliminaries and Adversarial Model -- 3 Evaluation -- 3.1 Test-Bed Setup and Attack Scenarios -- 3.2 Results -- 4 Detection and Remedies -- 5 Related Work -- 6 Conclusions and Future Directions -- References -- Impact of False Positives and False Negatives on Security Risks in Transactions Under Threat -- 1 Introduction -- 2 Importance of False Positives and False Negatives -- 3 Security Countermeasures and Risks in Transactions -- 3.1 Applying Security Countermeasures and Decision Making -- 3.2 Risk Assessment Based on Optimal Strategy for Counteracting -- 4 Measuring False Positives and False Negatives -- 5 Impact of False Positives/Negatives on Security Risks.
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Sommario/riassunto

This volume LNCS 12927 constitutes the papers of the 18th International Conference on Trust, Privacy and Security in Digital Business, TrustBus 2021, held in September 2021 as part of the DEXA 2021 conference. The event was held virtually due to COVID-19 pandemic. The 11 full papers presented were carefully reviewed and selected from 30 submissions regarding advancements in the state of the art and practice of trust and privacy in digital business. The papers are organized in topical sections: Trust Evaluation; Security Risks; Web Security; Data Protection and Privacy Controls; and Privacy and Users.