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Nota di contenuto	Intro -- Preface -- Organization -- Contents - Part I -- Contents - Part II -- Industrial Poster Session -- Instance Segmentation Applied to Underground Infrastructures -- 1 Introduction -- 2 Pipes Recognition -- 2.1 Dataset Creation -- 2.2 Dataset Description -- 2.3 Deep Learning Architecture -- 2.4 Classification Overhead -- 3 Experiments -- 3.1 Training -- 3.2 Instance Segmentation Results -- 3.3 Classification Refinement Results -- 4 Conclusion -- References -- Generating Invariance-Based Adversarial Examples: Bringing Humans Back into the Loop -- 1 Introduction -- 2 Adversarial Examples -- 2.1

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 Adversarial Attacks.

Sommario/riassunto

The two-volume set LNCS 14365 and 14366 constitutes the papers of
 workshops hosted by the 22nd International Conference on Image
 Analysis and Processing, ICIAP 2023, held in Udine, Italy, in September
 2023. In total, 72 workshop papers and 10 industrial poster session
 papers have been accepted for publication. Part I of the set, volume
 14365, contains 10 papers from the industrial poster session, and 31
 papers from the following workshops: – Advances in Gaze Analysis,
 Visual attention and Eye-gaze modelling (AGAVE) – Beyond Vision:
 Physics meets AI (BVPAL) – Automatic Affect Analysis and Synthesis
 (3AS) – International Contest on Fire Detection (ONFIRE) – Recent
 Advances in Digital Security: Biometrics and Forensics (BioFor) –
 Computer Vision for Environment Monitoring and Preservation (CVEMP)
 – Generation of Human Face and Body Behavior (GHB).