

Glossary

ACE: Average Classification Error

Anti-Spoofing (term to be deprecated): countermeasure to spoofing

APCER: Attack Presentation Classification Error Rate

ASV: Automatic Speaker Verification

AUC: Area Under ROC

BEAT: Biometrics Evaluation and Testing

BPCER: Bona Fide Presentation Classification Error Rate

CFCCIF: Cochlear Filter Cepstral Coefficients with Instantaneous Frequency

CNN: Convolutional Neural Network

CQCC: Constant Q Cepstral Coefficients

CQT: Constant Q Transform

DET: Detection-Error Tradeoff

EER: Equal Error Rate

EPC: Expected Performance Curve

EPSC: Expected Performance and Spoofability Curve

FAR: False Accept Rate

FerrFake: Rate of misclassified fake fingerprints, see APCER

FerrLive: Rate of misclassified live fingerprints, see BPCER

FFR: False Fake Rate

FLR: False Living Rate

FMR: False Match Rate

FN: False Negative

FNMR: False Non-match Rate

FNR: False Negative Rate, FNSPD: False Non-suspicious Presentation Detection

FP: False Positive

FPR: False Positive Rate

FRR: False Reject Rate

FSPD: False Suspicious Presentation Detection

GFAR: Global False Accept Rate

GFRR: Global False Reject Rate

GMM: Gaussian Mixture Model

GRU: Gated Recurrent Unit

HTER: Half Total Error Rate

IAPMR: Impostor Attack Presentation Match Rate

LBP: Local Binary Pattern

LFAR: Liveness False Accept Rate

LFCC: Linear Frequency Cepstral Coefficients

LPQ: Local Phase Quantization

LSTM: Long Short-Term Memory

LWIR: Long-wave Infrared

MLP: Multi-layer Perceptron

MS-LBP: Multi-scale Local Binary Pattern

NIR: Near-Infrared

OCT: Optical Coherence Tomography

PA: Presentation Attack

PAD: Presentation Attack Detection

PAI: Presentation Attack Instrument

RNN: Recurrent Neural Network

ROC: Receiver Operating Characteristic

rPPG: Remote photo-plethysmography

Spoofing (term to be deprecated): attempt to impersonate a biometric system, see PA

SRC: Sparse Representation based Classifier

STFT: Short-Term Fourier Transform

SVM: Support Vector Machine

SWIR: Short-Wave Infrared

TABULA RASA: Trusted Biometrics under Spoofing Attacks

TPR: True Positive Rate

VC: Voice Conversion

WER: Weighted Error Rate

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