

Clarkson University - University of Cagliari

Joint Multi-modal Biometric Dataset Release Agreement
(LivDet Liveness Detection Data Set-Fingerprint 2009, 2011, 2013, 2015)

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Introduction

LivDet Joint Archived Multimodal Biometric Dataset Collection project is funded by the Center for Identification Technology Research (CITEr) and the National Science Foundation. The goal of this project is to develop new techniques, technology and algorithms for automatic recognition and liveness detection of humans. Part of this project is the effort to collect the biometric features and store them as part of a joint multi-modal biometric dataset. This biometric dataset is meant to aid researchers in their work, to develop, train, test and evaluate the human recognition algorithms.

Release of the database

Dataset records are made available to researchers other than those specifically listed on the IRB Protocol Statement, only after the receipt of a completed and signed dataset release agreement. All the records are available on a case-by-case basis. Dataset records are released via an Internet site, CD or other media. All requests for the dataset are submitted to the Clarkson University Principal Investigator and the University of Cagliari – Department of Electrical and Electronic Engineering. By signing this agreement the requestor agrees to comply with the restrictions listed below. In addition it is the responsibility of the individual executing this agreement that the data being provided be handled and used pursuant to the rules and regulations of their institution's IRB. Any failure to conform to these restrictions results in a denied access to the LivDet Joint Multimodal Biometric Dataset – Clarkson/Cagliari.

Consent

Restrictions for use of LivDet Joint Multimodal Biometric Dataset:

1. **Requests for the multi-modal biometric dataset:** All requests for the biometric dataset records are submitted to the Principal Investigator.
2. **Redistribution:** Without prior approval from Principal Investigator, the entire or part of the biometric dataset will not be further distributed, published, copied or disseminated in any way or form, either for profit or not. This refers also to further distribution of the dataset records to any other facility or organizational unit, other than the one mentioned in the request.
3. **Publication Requirements:** No biometric features captured and part of the joint multi-modal biometric dataset records will be published or released in reports, papers and other documents, until an approval in writing is obtained from the Principal investigator. Before approval, Principal Investigator will ask the subject for permission. If the Principal Investigator approves release, no captured biometric features will be used in a way that can embarrass,



discomfort or anguish the original subject. If the Principal Investigator approves release, a copy of all reports, papers or any other documents that use Joint multi-modal biometric dataset, must be submitted immediately upon release or publication to the Principal Investigator.

4. **Citation:** All documents and papers that report on research that uses the joint multi-modal biometric dataset will acknowledge the use of the datasets by including the following citations:

Also reference any publications that may result from LivDet 2015 as they become available.

L. Ghiani, D. Yambay, V. Mura, S. Tocco, G.L. Marcialis, F. Roli, and S. Schuckers, LivDet 2013 - Fingerprint Liveness Detection Competition 2013, 6th IAPR/IEEE Int. Conf. on Biometrics, June, 4-7, 2013, Madrid (Spain).

D Yambay, L Ghiani, P Denti, G L Marcialis, F Roli, S Schuckers, LivDet 2011 - Fingerprint Liveness Detection Competition 2011, Biometrics (ICB), 2012 5th IAPR International Conference on, pp. 208 - 215, 2012.

G.L. Marcialis, A. Lewicke, B. Tan, P Coli, F. Roli, D. Grimberg, A. Congiu, A. Tidu, S Schuckers, and the LivDet 2009 Group, First International Fingerprint Liveness Detection Competition—LivDet 2009, *Proceedings of ICIAP*, Sept 2009

USMAN CHEEMA Head of Research & Development
Name (in capitals) Technology Directorate
(Usman Cheema)

Signature

Date

13/02/2020

NATIONAL DATABASE AND REGISTRATION AUTHORITY (NADRA)

STATE BANK OF PAKISTAN BUILDING, SHAHRAH-I-JAMHURIAT G-5-2 ISLAMABAD
Organization and address (in capitals) PAKISTAN

