

# Application to Participate in the NIST Child Exploitation Image Analytics Face Recognition Evaluation (CHEXIA-FACE)

## 1. Who Should Participate

1.1. Biometric identification technology researchers and developers from industry, research institutions, and academia are eligible to participate in the Child Exploitation Image Analytics Face Recognition Evaluation – hereafter referred to as the “CHEXIA-FACE”.

## 2. How to Participate

2.1. To request participation in the CHEXIA-FACE, potential Participants must read this application (*Application to Participate in the CHEXIA-FACE*), sign the “Request to Participate” section below, attach business cards from each of the signing parties, and send it to the address below (Paragraph 5.8). Signatures of both the Responsible Party and the Point of Contact are required.

- 2.1.1. The Responsible Party is an individual with the authority to commit the organization to the terms in this document.
- 2.1.2. The Point of Contact (POC) is an individual with detailed knowledge of the technology applying for participation.
- 2.1.3. In some cases, the Responsible Party and the POC may be the same person.

2.2. Upon receipt of the signed application by the National Institute of Standards and Technology (NIST), the organization will be classified as a “Tentative Evaluation Participant.” NIST must receive this signed application with the algorithm prototypes. Algorithm prototypes shall be submitted as Software Development Kit(s) (SDK). They may be submitted during the submission period from **December 15, 2015** to **July 27, 2016**. The application is required to be submitted with the **first** SDK submission; subsequent submissions do not require additional applications.

2.3. It is the Government’s desire to select all Tentative Participants as Participants. However, if demand for participation exceeds the Government’s ability to properly evaluate the technology, the Government will select Participants on a first come - first served basis.

2.4. The CHEXIA-FACE will evaluate detection, recognition, and clustering of unconstrained face in still images.

2.5. More information regarding the instructions, input and output formats, and technical specifications for each of the above tasks is included in the *CHEXIA-FACE: Concept, Evaluation Plan, and API* available at <http://www.nist.gov/itl/iad/ig/chexia-face.cfm>.

2.6. SDKs submitted must be compliant with the CHEXIA-FACE protocol and must be delivered to NIST (at the address in paragraph 5.8 below) during the submission period given in paragraph 2.2 according to the technical specifications given in the *CHEXIA-FACE: Concept, Evaluation Plan, and API*. These require use of strong encryption.

## 3. Points of Contact

3.1. The CHEXIA-FACE Liaison is the government point of contact.

3.2. All questions and correspondence should be directed to the CHEXIA-FACE Liaison at [chexia-face@nist.gov](mailto:chexia-face@nist.gov).

Questions and correspondence will be received by the CHEXIA-FACE Liaison and other CHEXIA-FACE personnel.

3.3. The answers to questions and correspondence will be provided as updates to the *CHEXIA-FACE: Concept, Evaluation Plan, and API*.

3.4. Interested parties and Participants should not contact any individual member of the CHEXIA-FACE staff.

#### **4. Release of CHEXIA-FACE 2016 Results**

4.1. Interim results will be provided to Participants as a series of test report cards as described in the *CHEXIA-FACE: Concept, Evaluation Plan, and API*. These results will not identify Participants; instead results will be associated with random identifiers. The report cards may be provided to Government personnel.

4.2. The Government will release CHEXIA-FACE results in public Final Report(s), which will identify some Participants alongside their results:

- The names of Phase 3 Participants will appear in public reports.
- The names of Phase 1 and 2 Participants will appear in public reports also UNLESS the participant emails NIST by July 27, 2016 requesting that their participation is NOT reported. In that case the quantitative results will still appear in the published report but without any attribution to the Participants name.

The CHEXIA-FACE Final Report(s) will contain, at a minimum, descriptive information concerning the CHEXIA-FACE, descriptions of each experiment, and performance results.

4.3. Participants will be notified of the public release of the CHEXIA-FACE Report(s).

4.4. After the release of the CHEXIA-FACE Final Report(s), Participants may decide to use the results for their own purposes. Such results shall be accompanied by the following statement: *"Results shown from the Child Exploitation Image Analytics Face Recognition Evaluation (CHEXIA-FACE) 2016 do not constitute endorsement of any particular product by the U.S. Government."* Such results shall also be accompanied by the Internet address (URL) of the CHEXIA-FACE Final Report(s) on the CHEXIA-FACE website.

#### **5. Additional Information**

5.1. NIST will use the Participants SDK software only for the agreed-upon Evaluation, and in the event errors are subsequently found, to rerun prior tests and resolve those errors. NIST agrees not to use the Participants software for purposes other than indicated above, without express permission by the Participant.

5.2. This is a Software Development Kit (SDK) test. The algorithms will be run only on NIST machines by NIST employees.

5.3. Software that is not compliant with the CHEXIA-FACE protocol specifications cannot be tested.

5.4. In order to be tested, SDKs must install easily (i.e., one installation step with no Participant interaction required), and shall be executable on any number of machines without requiring any machine-specific license control procedures or activation.

5.5. Participant agrees to hold harmless the CHEXIA-FACE Sponsors, staff, contractors and all agencies of the U.S. Government for any harm or damage incurred in the course of participating in the CHEXIA-FACE.

5.6. The Government is not bound or obligated to follow any recommendations that may be submitted by the Participant. The United States Government and individual agencies are prohibited from, in any way, giving any special consideration to CHEXIA-FACE Participants or any other party on future procurements, contracts or collaborations.

5.7. By signing this application, Participants acknowledge that they understand and agree to the provisions of

this form and the technical specifications in the *CHEXIA-FACE: Concept, Evaluation Plan, and API*.

5.8. Original signed copies of the CHEXIA-FACE application are required. Original, signed copies of this application, with business cards from both signing parties attached, must be mailed to the address below. These must be signed paper hardcopies. Scanned documents submitted via email are not acceptable. Please send an email message to [chexia-face@nist.gov](mailto:chexia-face@nist.gov) stating that you have sent your application. NIST will not accept applications from generic email addresses (e.g. gmail.com, hotmail.com, etc.). Upon receipt of your application, we will send you a confirmation email message.

Mailing Address:

CHEXIA-FACE Liaison  
National Institute of Standards and Technology  
Information Access Division (894)  
100 Bureau Drive, Stop 8940  
Gaithersburg, MD 20899-8940

**Participants should complete the box below per the instructions for transmission of encrypted content to NIST as defined in the *CHEXIA-FACE: Concept, Evaluation Plan, and API* document and available at <http://www.nist.gov/itl/iad/ig/encrypt.cfm>. If preferred, participants can fax their public key to the CHEXIA-FACE Liaison at 301-975-5287.**

Participant's public-key fingerprint (enter here)	
NIST's public-key fingerprint	<b>8A75 58C1 D0B3 2A36 B665 2E8A EF5A B8C1 02C3 494D</b>

## Request to Participate

With my signature, I hereby request consideration as a Participant in the Child Exploitation Image Analytics Face Recognition Evaluation (CHEXIA-FACE) 2016, and I am authorizing my company or organization to participate according to the rules and limitations listed in this document.

With my signature, I also state that I have the authority to accept the terms stated in this document.

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SIGNATURE, TITLE AND ORGANIZATION OF RESPONSIBLE PARTY

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DATE

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PRINTED NAME AND EMAIL ADDRESS OF RESPONSIBLE PARTY

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SIGNATURE, TITLE AND ORGANIZATION OF POINT OF CONTACT

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DATE

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PRINTED NAME AND EMAIL ADDRESS OF POINT OF CONTACT

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ATTACH BUSINESS CARDS HERE FOR ALL SIGNING PARTIES