|  |  |  |  |
| --- | --- | --- | --- |
| **Company Info** | | **Technical POC** | |
| Name: |  | Name: |  |
| Address: |  | Phone: |  |
| Email: |  |
| **N2N System Description** | | | |
| Title: | | □ Software Solution (uses conventional sensor)  □ Hardware/SW Solution (custom hardware and software) | |

# 

# **IARPA Nail-to-Nail Challenge Registration**

## All Stage 1 Registrations need to be submitted to Challenge.gov by **March 17, 2017**

Abstract

*At a high level, what do you propose to do?*

Concept of Operations

*How would a user interact with the device?*

System Diagram

*What are the main system components and their interrelationships/dependencies?*

*In particular, please address:*

* *Electric/Power source (supply voltage, current) and any battery specifications (if applicable)*
* *Materials of construction – particularly for any part(s) that would contact the subject*
* *Optics/”light” information (type, wavelength, frequency, power)*
* *Original specs from any COTS parts, plus info about any modifications*
* *Description of any mechanical movements*

Anticipated Equipment

*What are the software packages and/or hardware components?*

Devices

*Will you be constructing a new device for this challenge or will you be extending the use of an existing device for this challenge? Please select one of the following: Creating New Device or Augmenting Existing Device.*

Matchers  
*A) Which Matcher will your team use for the* ***tenprint*** *to* ***tenprint*** *comparison? Please select one:*

*\_\_\_\_ Government \_\_\_ Custom \_\_\_\_ Not Sure*

*B) Which Matcher will your team use for the* ***latent*** *to* ***tenprint*** *comparison? Please select one:*

*\_\_\_\_ Government \_\_\_ Custom \_\_\_\_ Not Sure*

Safety Assessment

*Are there any components (electrical components, illuminators, etc.) in your design which may cause safety concerns with human subjects testing?*

Innovation

*What makes this approach unique?*