



09 - EAF-3AD - Impact of Training on Biometric System and User Performance - Eric Kukula - TSHI

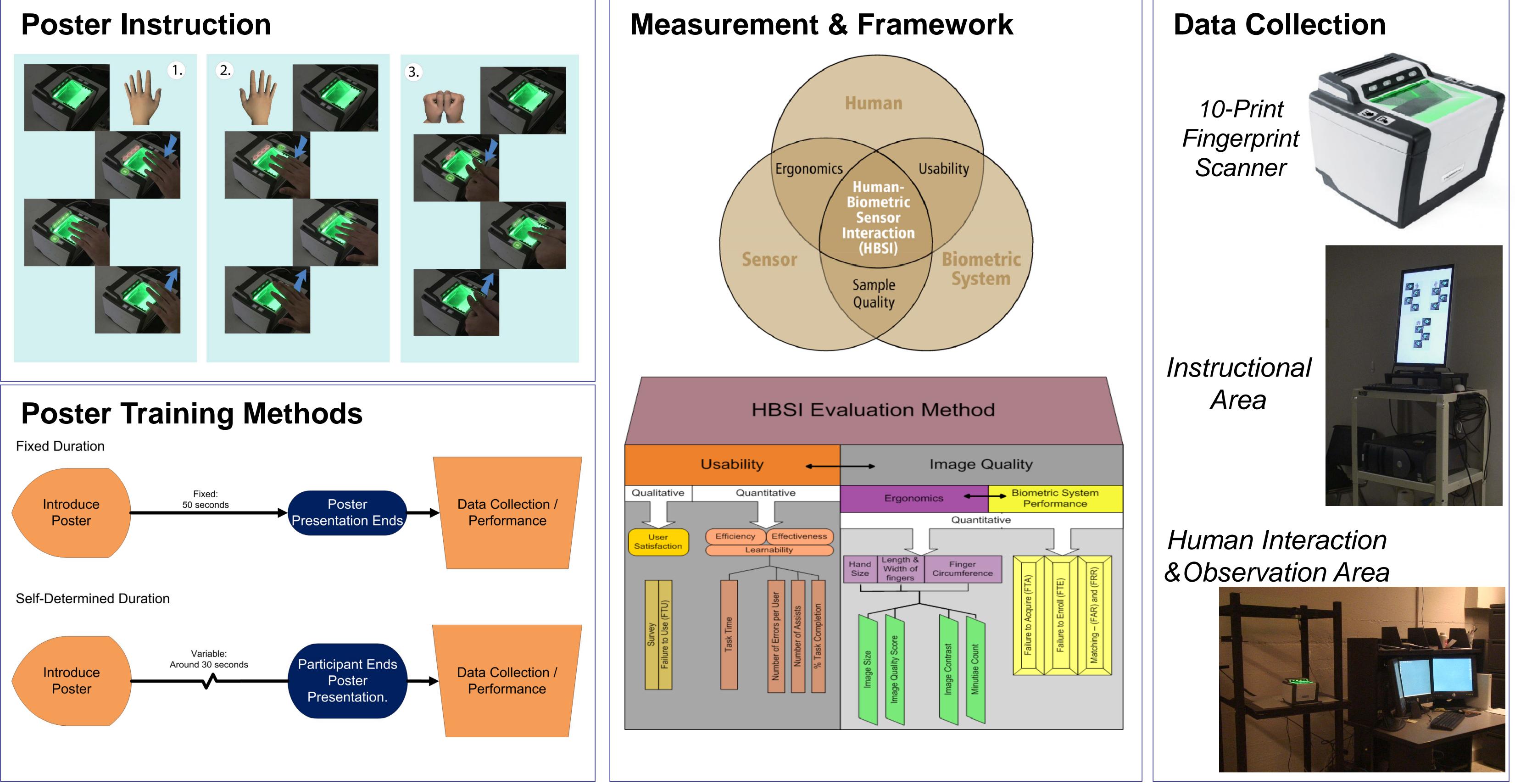
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Impact of Training on Biometric System and User Performance E. P. Kukula, Ph.D.¹, R. W. Proctor, Ph.D.², & R. E. Thamerus²

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Overview

The purpose of this study is to examine the impact that training methods have on biometric usability and performance results. Previous research has shown that biometric devices have usability, ergonomic, and design issues which have an impact on the performance of the entire biometric system. This research is looking specifically at the effectiveness of a poster instructional method to train users how to use a 10-print fingerprint sensor and the usability issues of the method and the effects of self-determined vs. fixed durations for instruction.



Analysis

Usability Analysis	Fingerprint Image Quality Analysis	Biometric System Performance
Satisfaction event in the set of the set		Computation Errors
► Ffficiency	Original Image	Presentation Successfully Acquisition Error Acquired Ealso Eailure to Present



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