



Projet FP7 – BEAT

Nom du projet	Biometrics Evaluation and Testing – BEAT
Call	FP7-SEC-2011-1
Type de projet	Small or medium-scale focused research project
Rôle de la HES-SO	Participant
Chercheur impliqué	K. Mitrokosta (HEG-GE)
Participants	Idiap Research Institute (CH) – Coordinateur ; Universidad Autonoma de Madrid (ES); University of Surrey - CVSSP (UK) ; Ecole Polytechnique Federale de Lausanne - LASEC (CH) ; Turkiye Bilimsel ve Teknolojik Arastirma Kumuru (TR) ; Commissariat à l’Energie Atomique - LETI (FR) ; Morpho (FR) ; TÜViT (DE) ; Katholieke Universiteit Leuven (BE) ; Haute Ecole Spécialisée de Suisse Occidentale (CH)
Budget global	4 743 988 euros / financement UE : 3 499 784 euro
Durée	48 mois, début le 01.03.2012
Résumé	<p>Identity management using Biometrics is deployed in a growing number of applications ranging from identification platforms (e.g. biometric passports) to access control systems for border checks or banking transactions.</p> <p>Unfortunately, the reliability of these technologies remains difficult to compare. There are no European-wide standards for evaluating their accuracy, their robustness to attacks or their privacy preservation strength.</p> <p>BEAT will fill this gap by building an online and open platform to transparently evaluate biometric systems, designing protocols and tools for vulnerability analysis and developing standardization documents for Common Criteria evaluations. The planned impact is three-fold: the reliability of biometric systems becomes standardized and comparable, potentially leading to a meaningful increase in their performance; technology transfer from research to companies becomes easier with the use of an interoperable framework; authorities and decision-makers become more informed about the progress made in biometrics as results impact standards.</p>
Lien	https://www.beat-eu.org/