



MULTIMODALITY IN BIOSECURE : TOWARDS AN EVALUATION PROTOCOL ON VIRTUAL MULTI-MODAL DATABASES (ThuAmOR11)



★ **Author(s) :** Dorizzi Bernadette (INT, France)
Sonia Garcia-Salicetti (GET/INT, France)
Mohamed Anouar Mellakh (GET/INT, France)

★ **Abstract :** In this paper, we briefly present the BioSecure Network of Excellence and its objectives in terms of the development of biometric evaluation platforms. A particular focus is given in this project to the multimodal case, the evaluation of which requires a special attention due to the lack of large-size available databases. We show in this paper that the evaluation of score fusion methods (for two independent modalities) is possible even on standard size (roughly 100 persons) virtual databases at the price of a careful statistical protocol.