

Novel Face Anti-Spoofing Methods both in 2D and 3D Face Recognition

Mots clés :

- **Directeur de thèse** : jean-luc DUGELAY
- **Co-encadrant(s)** :
- **Unité de recherche** : Laboratoire de recherche d'EURECOM
- **Ecole doctorale** : École Doctorale Informatique, Télécommunications, Électronique de Paris
- **Domaine scientifique principal**: Divers

Résumé du projet de recherche (Langue 1)

The aim of this thesis is to develop new and novel face anti-spoofing methods to obtain more robust biometric systems. In this research work, countermeasures for face spoofing will be developed both in 2D and 3D face recognition. 2D analysis will include skin texture and reflectance characteristics whereas for 3D face spoofing, countermeasures will be based on both the 3D shape of the face and also again texture, and reflectance characteristics of real faces and fake faces.