

Distress recognition using voice synthesis for security alert systems

Mots clés :

- **Directeur de thèse** : Christophe Marsala
- **Co-encadrant(s)** :
- **Unité de recherche** : Laboratoire d'informatique de Paris 6
- **Ecole doctorale** : École Doctorale Informatique, Télécommunications, Électronique de Paris
- **Domaine scientifique principal**: Divers

Résumé du projet de recherche (Langue 1)

Few security systems have taken into account the utilization of the human voice as a stimuli for alert. This is despite the human voice having rich and articulate features that would help raise alarms in certain scenarios of distress. My study aims to come up with a new technique in which security systems will be able to utilize the voice signal through applicable sensing techniques, to raise alarm of individuals under duress of any kind.