



## Senior Research Engineer HMI: Human Machine Interface (Ref: ATR-1)

### Responsibilities:

- You are responsible for R&D projects in HMI applications for car technology and robotics in Europe.
- You are responsible for gathering advanced technical information related to HMI applications.
- You analyse, structure and report this information to our Headquarter in Japan and to TMEM management
- You propose development projects and do the follow-up.
- You develop a specific network with European universities, institutes and industry.
- You understand Toyota's technical development requirements and use this knowledge in your research activities

### Profile:

- Master or Phd Degree with specialisation in
  - speech recognition
  - visual recognition for human behaviour
  - haptic information analysis
  - psychological/semantic analysis of human behaviour or any other degree related with HMI.
- 5-10 years relevant professional or research experience
- Good knowledge of implementation skill such as C/C++, Visual C, Matlab,...
- Good knowledge of computer operating systems such as Linux, Windows,...
- Excellent communication skills: written (publications, presentations), oral (including negotiation skills)
- Excellent interpersonal skills
- Good project management skills
- Do-it-yourself attitude (ability to take initiative)
- Fluent in English; good knowledge of other European languages (German, French, Spanish, Italian, Dutch,...)
- PC literate: MS Office
- Willing to travel in Europe and occasionally in Japan

**Place of Employment** : **Technical Center - Zaventem**

### For more information please contact :

- Gaëlle van der Haegen – Recruitment & HR Management – 02/ 745.34.14

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