

# Post-doctoral position

## CONTEXT

ENAC, the french university of civil aviation, leads research activities for Air Traffic Management and aviation. The TELECOM lab. is more specifically focused on the communication, navigation, and surveillance systems of civil aviation. Within this lab., the Electromagnetics and Antennas (EMA) group develops antennas and propagation models for these systems.

## POSITION

The offered position is in the framework of an European project (H2020). The work will mainly consists in the development of antennas for 5G applications. The offer is a fixed term contract of 24 months.

- Design of antennas with simulation software
- Antenna manufacturing
- Antenna measurements
- Software development for antenna processing
- Radiofrequency receiver development
- Progress reports writing

## POSITION REQUIREMENTS

- Diplôme: PhD thesis in electromagnetics or Engineer with a first experience
- Electromagnetic simulation software: FEKO and/or HFSS
- Experience in Antenna design and measurement
- Programming skills (Matlab)
- English read, written, spoken.

## APPLICATION

Send a resume, a cover letter and a recommendation letter to Christophe Morlaas (morlaas@recherche.enac.fr)