

## Post-doctoral scientist opportunity at Xlim Research Institute: UMR CNRS N°7252 – University of Limoges

We are recruiting for a **microwave antenna and device designer**. The offer is for a period of 15 to 18 months starting in October 2021.

### Xlim Laboratory

The XLIM laboratory is a CNRS Joint Research Unit associated with the University of Limoges. XLIM federates a group of more than 440 teachers-researchers, CNRS, post-doctoral students and PhD students. Its fields of expertise cover electronics, microwave, optics, mathematics, computer science and image. The laboratory is organized around three main scientific poles with six research areas. These three poles are Electronics, Photonics and the Mathematics-Computer Science-Image pole. The recruited candidate will join the System-RF axis of the Electronics pole.

### Job description

The candidate will join a group of researchers to participate in a collaborative project involving several laboratories and research organizations. The mission consists in developing co-design methodologies for the joint optimization of radio frequency systems.

The candidate will have a strong background in electromagnetic design applied to the fields of antennas and passive microwave devices. He/she will have the expertise in full-wave and circuit simulation tools (CST, HFSS, ADS...) as well as skills in algorithm development under Matlab environment which will be useful for the execution of his/her mission.

### E.U. Nationality required

To apply please send a motivation letter, a detailed CV, academic references and a list of publications to:

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