

Lausanne, 7<sup>th</sup> of June 2021

## **Postdoc position: Antennas for Cubesat Terminals**

The Microwave and Antenna Group at EPFL opens a 2 years position for a postdoc in the field antennas. The position is linked to a project concerning antennas for CubeSATS.

CUBESATS are the most numerous category of nanosatellites, with over 1200 CubeSats launched to date. Since their development as a university project, the small size and low cost of CubeSats have gradually attracted the attention of the industry and triggered an explosion in the CubeSat numbers after 2012. Today, several commercial CubeSat constellations (networks) are deployed or announced. Enabling inter-satellite links (ISL) between individual CubeSats within a constellation can drastically reduce the signal latency in such a network. In the frame of a collaboration with an SME specialized in CubeSats, EPFL-MAG is recruiting a postdoc who will be in charge of the development of the antennas for the Earth terminals. In addition, this Person will also be involved in supervising students in projects.

### **Required Background:**

- PhD degree
- Full competence in Electromagnetism and Antennas
- Good Experience with numerical electromagnetic simulators
- Solid experience in programming (Python or Matlab)
- Experience or willingness to learn about antenna measurement
- Fluency in English

### **Advantages:**

- A dynamic, international and multidisciplinary work environment
- A competitive salary
- Continuous learning
- EPFL's statutory benefits

To apply, send a CV (including a list of publications), the contact details of three references and a motivation letter to Prof. Anja Skrivervik ([anja.skrivervik@epfl.ch](mailto:anja.skrivervik@epfl.ch))