#### Postdoctoral Position in Plasma Physics and Electric Discharges, Technological Institute of Aeronautics – ITA, Brazil

The São Paulo Research Foundation (FAPESP), Brazil, announces a postdoctoral fellowship associated with a research project entitled “**Applications of non-thermal atmospheric plasmas in Dentistry: from the bench to the clinic**”. This project seeks to consolidate a collaborative network of research centers in order to clarify relevant aspects of the application of atmospheric pressure plasma in biology, medicine and dentistry. The postdoctoral position will explore the generation of Plasma Activated Liquid (PAL) for applications related to biomedical engineering, especially for dentistry.

The research linked to the project will be developed at the Plasma and Process Laboratory (LPP) of ITA (www.lpp.ita.br) located at the São José dos Campos, SP, Brazil. We are looking for candidates with Ph.D. in plasma science, engineering or related field and experience in plasmas and their diagnostic techniques. The postdoctoral researcher must have excellent oral and written communication skills and the ability to supervise graduate students and collaborate with a team of multidisciplinary researchers.

The nomination period for FAPESP's postdoctoral fellowship is generally 2 years, although an extension can be discussed. The selected candidate will receive R$ 7,373.10 per month and a Technical Reserve equivalent to 15% of the annual scholarship to cover expenses directly related to the research activity. If the postdoctoral fellow lives outside the city where the research institution is located and needs to move, he/she may be entitled to an installation allowance. More information about the FAPESP Postdoctoral Scholarship is available at www.fapesp.br/bolsas/pd.

Candidates for the position must provide a letter of interest describing in detail their previous work experience, an updated CV and two letters of recommendation (in PDF format). All documents must be sent to **Prof. Rodrigo S. Pessoa** (rspessoa@ita.br) until July 30, 2020. Candidates with the greatest potential can be invited to an online interview.