



Marie
Sklodowska-Curie
Actions

CEA Grenoble / France - Expression of Interest Energy Harvesting Marie Skłodowska-Curie Individual Fellowship

CEA-LETI will support experienced, ambitious and talented researchers in the Energy Harvesting field as applicants for the preparation of [MSCA-IF](#) project proposals and will be glad to welcome them in its research group on this topic.

ABOUT THE ORGANIZATION

CEA is a French governmental research-and-technology organization with activities in energy, Information Technology, healthcare, defense and security. CEA-Leti, a CEA division located in Grenoble, is the largest French research and technology organization specialized in micro- and nanotechnologies. Dedicated to creating value and innovation for transfer to its industrial partners, Leti's 1,800 researchers strive to make our society smarter, healthier, more sustainable and more secure. The scientific excellence and multidisciplinary expertise of its personnel are the foundation of Leti's offer to industry.

CEA-LETI's System Division has a strong experience in energy harvesting systems including Energy Harvesters, Power Management Circuits, Low-Power Electronics, and Wireless Power Transmission. Many devices have been developed thanks to advanced analytical modelling involving multiphysics equations and Finite Elements. Prototypes developed according to this method have shown performances at the best levels in the state of the art and some of them reached the industrial market.

RESEARCH PROJECT DESCRIPTION

We offer the applicant a complete integration in our research group on Energy Harvesting & Autonomous Systems to develop his/her research activities with the opportunities to promote them to industrial companies or within a startup. The Researcher will benefit of CEA's equipment required to conduct research in Energy Harvesting and CEA's environment fostering innovation.

WHO CAN APPLY

MSCA IF ELIGIBILITY CRITERIA:

- The researcher must be an experienced researcher (PhD or at least 4 years of full-time research after master's degree - no upper age limit)
- The researcher may be of any nationality and can come from anywhere in the world
- The researcher cannot have resided or carried out his/her main activity (work, studies, etc.) in France for more than 12 months within the last three years
- 12-to-24-month research project in France (Grenoble)

OFFER REQUIREMENTS:

- PhD in Electronics, Mechanics or Mechatronics
- Language: English, French

CONTACT PERSON

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DOCUMENTS TO SUPPLY

- CV with Research Experience
- Short Summary of the Research Proposal (2 A4 pages maximum)
- Deadline : 1st July 2020