



H2020-MSCA-ITN-2019 N° 860879



Early-Stage-Researcher position in the EU Horizon 2020 MSCA ITN Project FLOAWER

Title: Wind resource assessment in deep waters through space-distributed measurement systems

Research fields: Floating wind energy, atmospheric sciences, data processing

Work-package: 4 - Wind Resource Assessment in Deep Waters

Host: Centrale Nantes (ECN)

Country: France

Supervisors: Prof. Sandrine Aubrun, Dr. Yves Perignon and Ass.Prof. Boris Conan

Duration: 24 months

Research program:

1. Wind Resource characterization of the ECN sea test site SEM-REV
2. Relevance and reliability of the deployed instrumentation to assess the wind resource on the specific site SEM-REV
3. Relevance and reliability of the deployed instrumentation to assess the wind resource in other sites
4. A set of transfer functions between the different measurement systems in order to identify the better compromise between robustness, reliability and costs to assess wind resource in deep waters

Planned secondments: University of Stuttgart (3 months) and EOLFI (3 months)

- **Career stage:** Early Stage Researcher (ESR) or 0-4 yrs (Post Graduate)
- **Expected starting date :** September or October 2021
- **Salary:** The successful candidates will be employed on a **full-time basis** with a competitive salary in accordance with the MSCA rules and the personal circumstances of the applicant. The successful candidate will receive a financial package consisting of MSCA living allowance and mobility allowance. Eligible applicants with a family will also receive an additional family allowance according to the rules of the MSCA. The exact (net) salary will be confirmed upon appointment and will depend on a Host Institution's local tax regulations.
- **Supervision:** ESRs will benefit from joint supervision and multi-sectoral advisory committees, ensuring the successful completion of their Individual Research projects.
- **Training:** In addition to their individual scientific projects ESRs will be **collaborating with world leading research** groups within the Consortium through secondments. All ESRs will benefit from extensive and varied further continuing education, completing a series of carefully designed training modules and transferable skills courses; they will participate in symposia, workshops and international conferences



and will have meaningful exposure to the industrial environment through FLOOWER industrial partners.

- **Selection process:** Application should be sent by email to the supervision team through the FLOOWER contact email address: contact-floower@ec-nantes.fr. The application should contain the following documents, compiled in the following order into a single PDF file (6MBs max):
 - Cover letter
 - Curriculum Vitae
 - The Master certificate (or equivalent) or master program registration if not yet awarded, including transcripts of records
 - Recommendation letter(s) from previous supervisors or employers
 - Proof of English proficiency
 - Work experience certificates, if applicable
 - List of publications, if applicable
- The deadline for the application is July 31, 2021.
- The selected candidates will be evaluated and interviewed by the local supervision team. FLOOWER is strongly committed to promoting equal opportunities and gender balance as part of the recruitment strategy.
- **Eligibility criteria:** Applicants need to fully respect three eligibility criteria¹ (to be demonstrated in the CV):
 1. At the core of the MSCA-ITNs is researcher mobility. At the time of commencing their FLOOWER employment, researchers must not have resided or carried out their main activity (work, studies, etc.) in the country of their (recruiting) host organisation for more than 12 months in the 3 years immediately prior to their recruitment. Short stays, such as holidays, are not taken into account
 2. Applicants must at the first day of their FLOOWER employment contract, **be in the first four years (full-time equivalent research experience) of their research career** and have not been awarded a doctoral degree. This research experience is measured **FROM** the date when they obtain the degree which formally entitles them to embark on a doctorate (either in the country in which the degree was obtained or in the country in which the researcher is recruited, even if a doctorate was never started or envisaged). Research Experience is measured **TO** the first day of the FLOOWER employment contract of the researcher.
 3. English language proficiency: ESRs must demonstrate proficiency in both written and spoken English. This is mandatory for the ESRs to take full advantage of the training program.

1. ¹ Usual **MSCA Eligibility Criteria** apply and will be verified during the application process. For more information on MSCA, please see : <http://ec.europa.eu/mariecurieactions>.