



## CALL FOR JUICE EARLY STAGE EXCHANGE PROPOSALS

The Joint UK-India Clean Energy Centre (JUICE) aims to bring together the best researchers from the UK and India in the area of integration of solar and storage technologies into power networks. JUICE has been provided with flexible funding to support exchange programmes in line with this aim.

JUICE, as well as its partner organisations IUCERCE and UKICERI are jointly funded by UK's EPSRC and India's DST to further the integration of clean energy technologies into the power network. Particularly in the UK, there exists a strong framework for developing the technologies individually but there is some risk that the issues arising from their integration into power networks are not considered in the technology focussed research programmes. Thus, JUICE is firmly focussed on the interfaces between the different technologies. JUICE will enable the integration of novel technologies into power networks for improving the living standards of people in developing and developed countries alike.

This call is open to early stage researchers (less than 10 years of research experience) from outside as well as inside the consortium who want to spend time with any of the research teams inside the Joint-Virtual Clean Energy Centres on the UK (JUICE) and Indian (IUCERCE and UKICERI) sides. The proposed visit must be between UK and India, not between a visitor and a host of the same country; i.e. from UK to a IUCERCE/UKICERI partner or from India to a JUICE partner, and the focus must be on the integration of technologies and not purely on the development of individual technologies.

This call will fund travel and subsistence costs of the visit at 80% FEC by JUICE. However, no staff time or consumables will be covered through this grant. The overall budget foreseen for this fund is £160,000 (i.e. £128,000 from JUICE). This should enable up to 64 exchanges of early stage researchers from inside or outside the consortia to spend time on a collaborative research project at research institutions participating in the consortia. The fund will be allocated in three rounds and this first round may cover up to 25 exchanges.

**Note 1:** No funding' is available for attending conference, seminars, or workshops – but researchers in either side while on exchange can attend local conference and workshop as part of a longer-term stay.

**Note 2:** Only actually defrayed costs will be reimbursed.

**Note 3:** Payments will be made in arrears.

Researchers are invited to prepare one proposal for funding of up to £2.5K for 2 months (80% will be funded, i.e. funded value is £2000 per exchange by JUICE).

The submitted proposals should be a maximum of two (2) pages (a template is attached). It is expected that the bulk of the proposal will focus on the core science and technology ideas. However, each of the following sections is required:

- Title and applicant's name
- a short summary of the relevant expertise of the researcher and the facilities of the targeted team.
- Description of the proposed research activity and its alignment to the JUICE core research aim.
- The science and technology that will be advanced as part of the proposed research program.
- A brief workplan, including SMART (Specific, Measurable, Assignable, Realistic, Time-bound) deliverables.
- A justification of resources in form of estimated cost of travel.
- An appendix should be a letter of the receiving JUICE/IUCERCE/UKICERI co-I that they have agreed to the work plan and can host appropriately.
- An appendix should be a letter of the researcher's supervisor/line manager indicating their financial support.

Submissions will be ranked according to fit to the integration theme (as outlined above) and eligibility, scientific quality, institutional support (as noted below) of the activity and ability of the host organisation to successfully host the incoming researcher.

The deadline for proposals is 12 noon on Friday 31<sup>st</sup> August 2018. The proposed visits should be completed by 30<sup>th</sup> April 2019. Proposals should be sent electronically to the JUICE Centre Manager Dr Aysin Rahimifard, [A.Rahimifard@lboro.ac.uk](mailto:A.Rahimifard@lboro.ac.uk) who will also answer any questions regarding the application procedure. Successful applicants will be informed before the end of September 2018.

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