



NextPV postdoctoral position

NextPV is an International Research Project on photovoltaic energy, combining the skills of renowned laboratories in France and Japan. The project is operated in France by the **CNRS** and the **University of Bordeaux**, and in Japan by the Research Center for Advanced Science and Technology (RCAST) at the **University of Tokyo**. By bringing together researchers of different backgrounds, several axes critical to the development of the photovoltaic energy are explored within the collaboration:

- High efficiency photovoltaic concepts (hot carriers, intermediate band)
- III-V solar cells
- Perovskites solar cells
- Organic and colloidal quantum dots solar cells
- Solar to hydrogen systems

To expand its activities, NextPV is welcoming candidates for a postdoctoral position funded by the **Japanese Society for the Promotion of Science (JSPS)**. The JSPS and the CNRS open twice a year a call-for-project, to be constructed in a collaborative way between the young researcher and the host researcher in Japan. Candidates with a strong research CV interested in NextPV activities and willing to experience scientific research in RCAST are invited to contact involved researchers as soon as possible on potential topics in the above list and start building the project. Note that JSPS fellowships are highly competitive and have proven rewarding for the young scientists that have been selected.

The funding provides the post-doc position salary for one to two years, round-trip ticket and settling-in allowance. The application deadline is expected around October-November 2021. The postdoc research will be conducted on the Komaba campus of the University of Tokyo.

Application: Send a CV and a motivation letter. The motivation letter should include a short description (about 5-10 lines) of a project proposal. Application deadline: 10th September 2021

Contact and partner websites:

High efficiency photovoltaic concepts, III-V solar cells, Solar to hydrogen systems:

[Sugiyama](#) laboratory, [Okada](#) laboratory, [IPVE](#), [C2N](#), [Im2np](#), [LAAS](#)

Contact:

jf.guillemoles@chimieparistech.psl.eu

Perovskites, colloidal quantum dots and organic solar cells:

[Segawa](#) laboratory, [LCPO](#), [IMS](#), [ISM](#)

Contact:

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