Open Post-doctoral Position in CFI-CES, Institute for Basic Science, Korea

Spectroscopy study of Functional Oxide Systems

(deadline: March 31, 2013)

Positions for a few postdoctoral researchers are available in the spectroscopy team in the Center for Functional Interfaces of Correlated Electron Systems (CFI-CES), Institute for Basic Science (IBS), located in Seoul National University, Seoul, Korea. The positions are initially for two years but can be extended depending on the researcher's performances. Salary for the post-doctoral position will be about $40,000 - $52,000 per annum subject to his/her career.

The post-doctoral researcher will perform spectroscopic analysis including IR spectroscopy (Spectroscopic ellipsometry and FT-IR) at the institute or synchrotron experiments such as soft/hard x-ray absorption spectroscopy and XAFS analysis for new functional oxide materials (mainly strongly-correlated electron system). For the synchrotron experiment, application/use of the facilities in Pohang Light Source (located in Pohang, South Korea) is preferred. However the researcher may also apply/use for the beamtime of other facilities abroad.

CFI-CES has been recently established to investigate novel emerging phenomena at surfaces/interfaces of heterostructures of correlated electron materials. The center is composed of a number of groups, including single crystal/thin film synthesis group, density-functional-theory group, surface spectroscopy group, and device physics group. Each group will conduct collaboratively or independently. For more details, please visit http://recfi.snu.ac.kr

Requirements for Candidates:

- A Ph. D. degree in physics or chemistry.
- An expertise in spectroscopic analysis with knowledge on strongly correlated electron system.
- Proficiency in communicating/writing in English.

Documents to be submitted

- A curriculum vitae
- A list of publications
- Statement of research purposes.
- A list of recommenders

Candidates should send the documents by March 31, 2013 to

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