

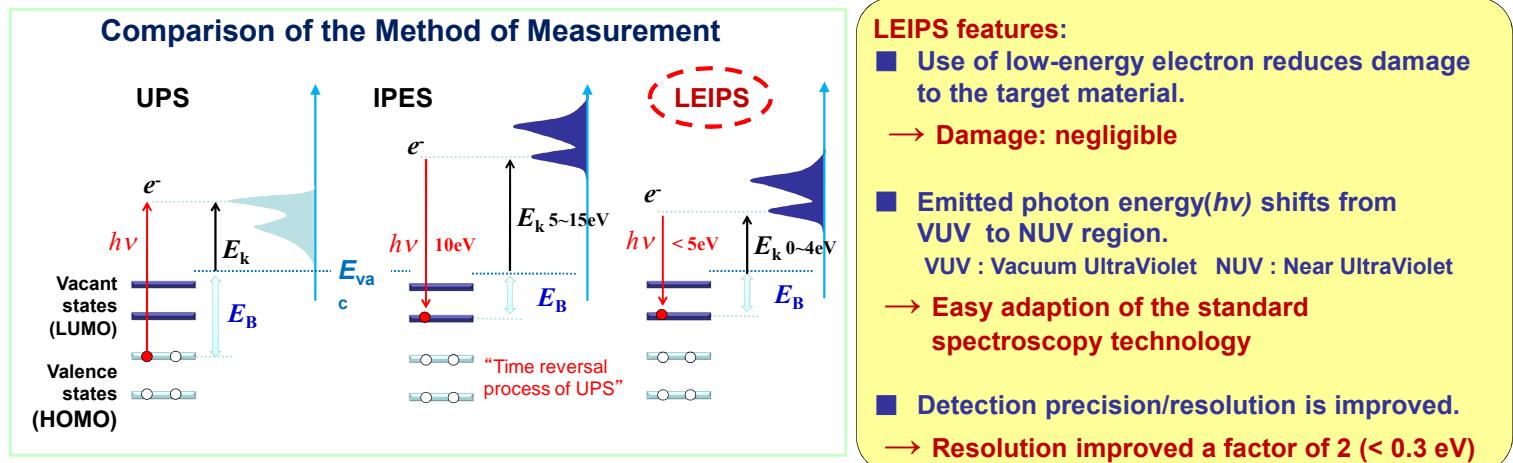
Low-Energy Inverse Photoemission Spectroscopy (LEIPS)

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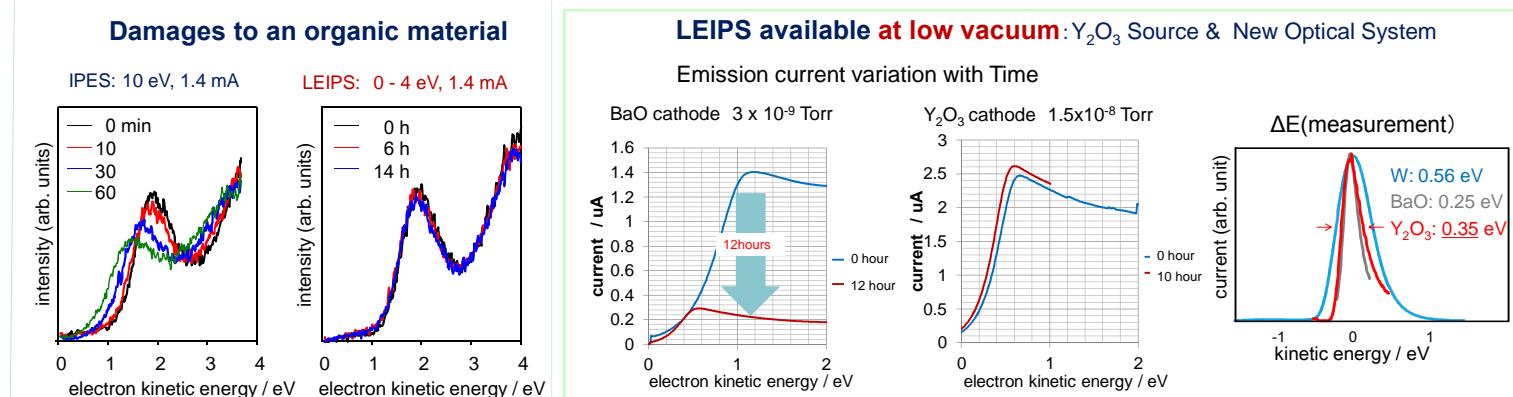
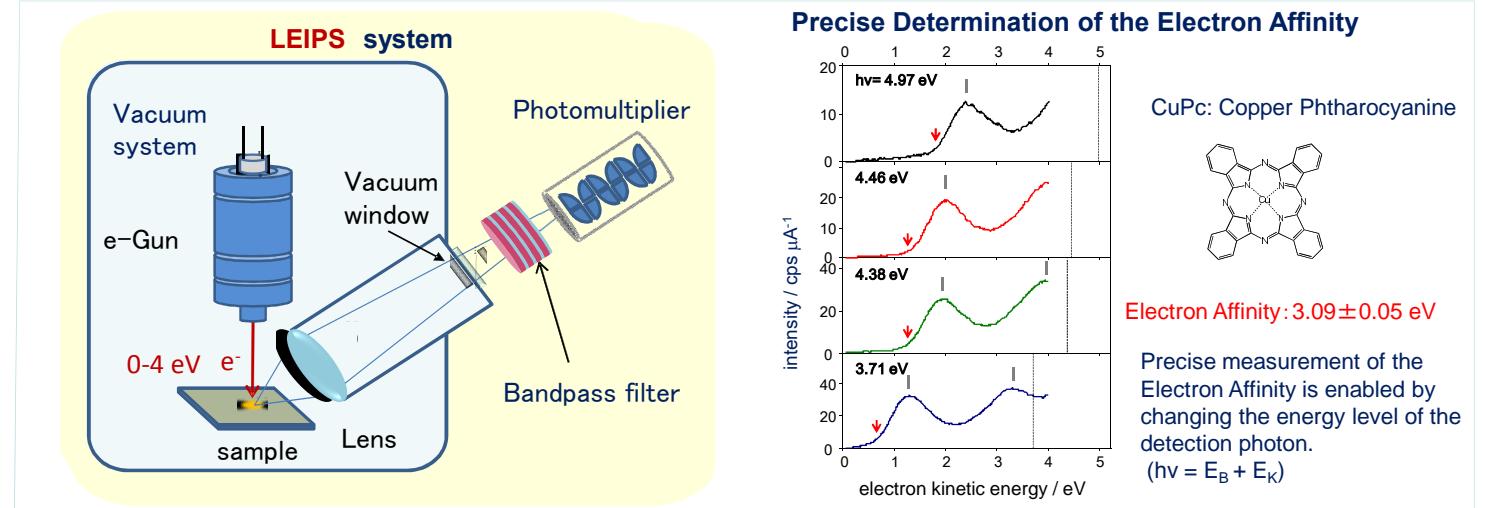
1. Abstract

- Electron affinity (LUMO Level) is the key parameter for the R&D of the organic electronics.
- Conventional Inverse Photo-emission Spectroscopy (IPES) has problems:
Target materials are easy to be damaged and energy resolution is low.
- Low-Energy Inverse Photoemission Spectroscopy (LEIPS) solves the problems.

2. Principle of the Invention



3. LEIPS system and Measurement Data



4. Application

For R&D of organic electronics such as organic light emitting diode and organic photovoltaic cells

Patent Licensing Available

Patent : WO2013/129390 (JP, US, EP), JP2014-111515

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