

Presentation Application Form

Please complete this form and send it before **10 May, 2013** to txrf2013@imr.tohoku.ac.jp

(If you have any questions, please contact to Dr. Kunimura (Tokyo Univ. of Science)

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Title of presentation	XRR & GiXRF combined analysis of TCO/metal/TCO structures for photovoltaic applications.
Type of presentation	Oral – Poster – Invited
Abstract of presentation (50 words or less)	In-depth composition and electron density profiling of In ₂ O ₃ /Ag/In ₂ O ₃ stacks for advanced photovoltaic applications is probed by XRR-XRD-GIXRF combined analysis. Fluorescence, reflectivity and diffraction measurements are operated at different X-ray energies (synchrotron and laboratory sources). A glimpse of the underlying theories and capabilities of this characterization methodology is shown.
Remarks	