

Researches on functional oxide thin films and nanostructures

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概要 : In the research of advanced materials, thin films and nanostructures of functional oxide have been playing very important roles for their vast potential applications in various photoelectric, chemical or bio-sensing, photocatalysis and energy-storage devices. The device performance depends strongly on the composition of thin films and nanostructures, and on their morphology, crystallization behavior, especially, the construction method. In this presentation, we will focus on the design and formation of the integrated functional oxide films on Silicon, and specific hierarchical nanostructures for the dye-sensitized solar cells.

日時 : 平成 27 年 11 月 10 日 (火) 13 : 30 ~ 14 : 30

場所 : 総合研究棟 10 階会議室

対象 : 工学部の教員と学生

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