

Session 53

53. Luminescence and Phosphors IV

Friday, October 14, 2011 / 09:00 ~ 10:00

Room 305

Chair: Duk Young Jeon (KAIST, Korea)

- 09:00 ~ 09:20 53-1 Hexagonal Prism-like, Sheet-like and Rod-like $\text{Y}_2\text{O}_3\text{:Eu}^{3+}$ Phosphor: Hydrothermal Synthesis, Characterization and Photoluminescence Study**
Sudeshna Ray, Hideki Kato, and Masato Kakihana (Tohoku Univ., Japan)
- 09:20 ~ 09:40 53-2 Synthesis of the High Luminescence Yellow $(\text{Sr,Ba})_2\text{SiO}_4\text{:Eu}^{2+}$ Phosphor Using a Novel Water Soluble Silicon Compound**
Satoko Tezuka, Hideki Kato (Tohoku Univ., Japan), Yuji Takatuka (Sumitomo Metal Mining Co., Ltd., Japan), and Masato Kakihana (Tohoku Univ. Japan)
- 09:40 ~ 10:00 53-3 Heuristics-Based Combi-chem of New Oxynitride Phosphors for Use in LEDs**
Kee-Sun Sohn (Sunchon Nat'l Univ., Korea)