

Session 65

65. Luminescence and Phosphors VI

Friday, October 14, 2011 / 13:30 ~ 14:45

Room 305

Chair: Brent K. Wagner (Georgia Tech Research Inst., USA)

- 13:30 ~ 13:55 65-1 [\[Invited\]](#) Computational Design of Eu²⁺-doped Phosphors: Relationship between Crystal Structure, Electronic Structure, and Emission Property**
Hiroaki Onuma, Ryo Nagumo, Ryuji Miura, Ai Suzuki, Hideyuki Tsuboi, Nozomu Hatakeyama, Hiromitsu Takaba, and Akira Miyamoto (Tohoku Univ., Japan)
- 13:55 ~ 14:20 65-2 [\[Invited\]](#) Reducing Tb and Eu Usage in Phosphors**
Tomoko Akai (AIST, Japan)
- 14:20 ~ 14:45 65-3 [\[Invited\]](#) Development of High Photoluminescence Nanostructured ZnO Thin Film Phosphor at Low Temperature**
Chaoyang Li, Dapeng Wang, Toshiyuki Kawaharamura, Mamoru Furuta, and Akimitsu Hatta (Kochi Univ. of Tech., Japan)