

## Photoluminescent Properties of Nanostructured Y<sub>2</sub>O<sub>3</sub>:Eu<sup>3+</sup> and (Y<sub>1-x</sub>Gd<sub>x</sub>)<sub>2</sub>O<sub>3</sub>:Eu<sup>3+</sup> Powders Obtained by Aerosol Synthesis

Katarina Marinkovic<sup>1</sup>, Lidija Mancic<sup>1</sup>, Luz Gomez<sup>2</sup>, Maria Eugenia Rabanal<sup>2</sup>, Miroslav Dramicanin<sup>3</sup>, Olivera Milosevic<sup>1</sup>

\*Institute of Technical Sciences of Serbian Academy of Sciences and Arts, Belgrade, Serbia

\*2University Carlos III, Madrid, Spain

\*3Institute "Vinca", Belgrade, Serbia

