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Contribution ID: 24

Type: **Poster Presentations**

## Self-Assembled Nanotubular Mesoporous Layered Double Hydroxides with Tunable Photoluminescence

*Tuesday, 5 May 2015 15:15 (1h 45m)*

Self-assembled luminescent LDH nanotubes ( $\varnothing$  20nm) combine the potential of RE<sup>3+</sup> containing LDH with a high surface area and easily accessible mesopores ( $\pm$ 175 m<sup>2</sup>/g; 0.75 cm<sup>3</sup>/g) suitable for hosting large sensitizing dyes and other interesting photonic species such as luminescent nanodots.

**Are you currently a postgraduate student? (Yes/No)**

No

**At what level of studies are you currently? (Hons/MSc/PhD)**

PhD

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**Session Classification:** Poster

**Track Classification:** SACPM