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Eur. J. Inorg. Chem. 2008, 4481–4656

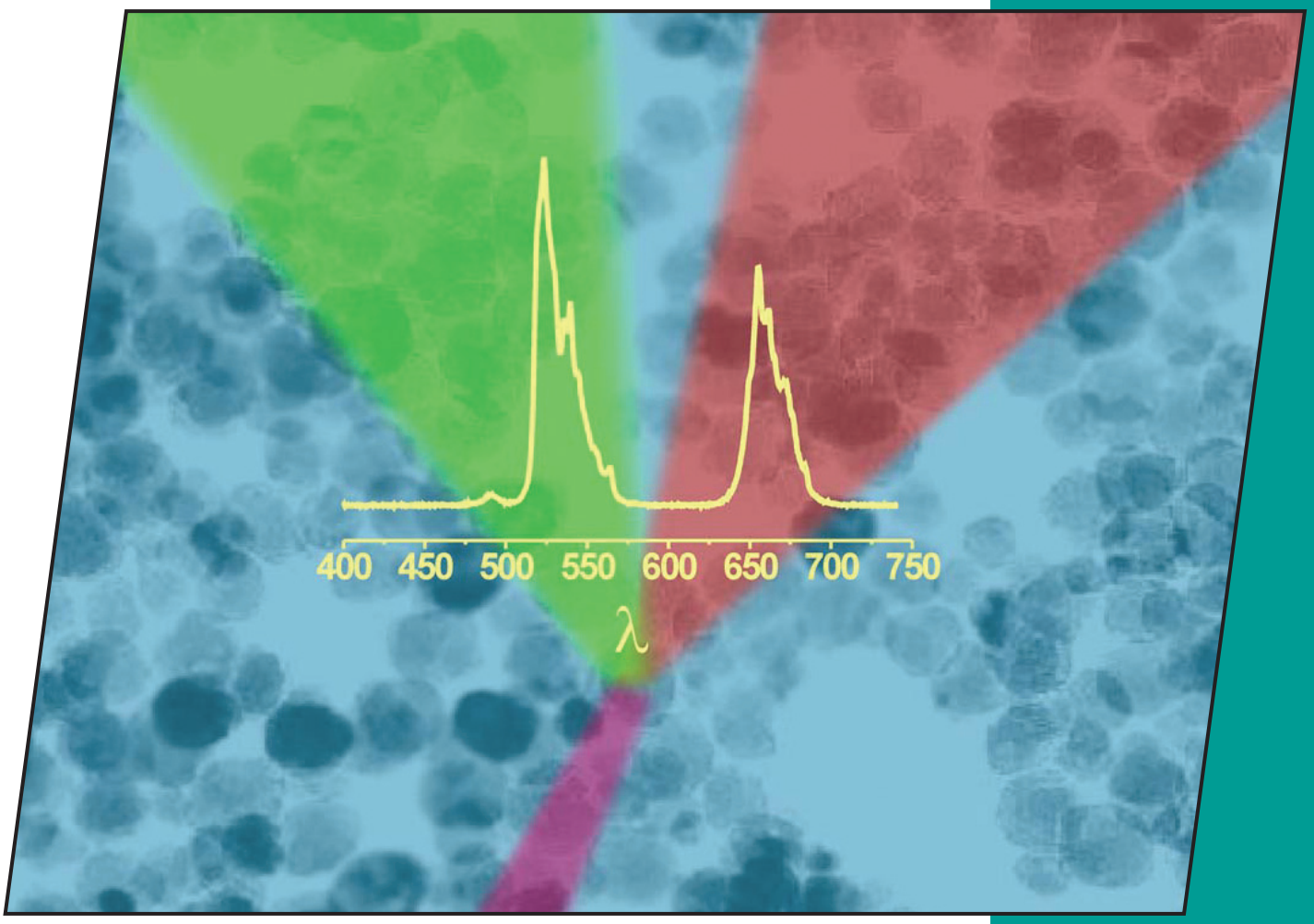
D 3715

EurJIC

European Journal of Inorganic Chemistry

29/2008

2nd October Issue



Cover Picture

M. Ocaña et al.

$NaYF_4$-Based Nanophosphors with Tunable Size

Microreview

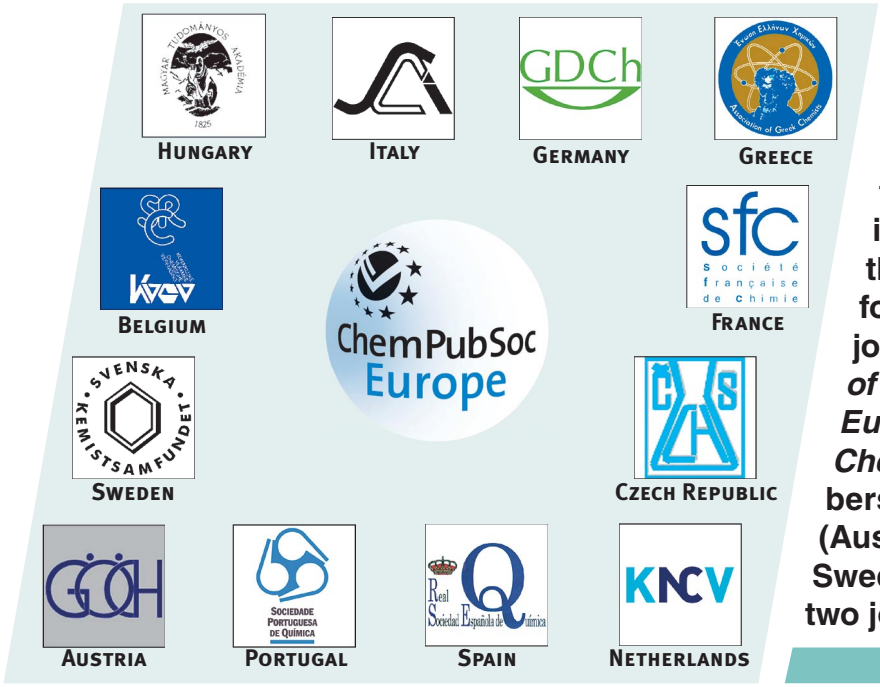
Sean G. Alexander and Marcus L. Cole

Lewis Base Adducts of Heavier Group 13 Halohydrides

WILEY-VCH

www.eurjic.org

EJICFK (29) 4481–4656 (2008) · ISSN 1434-1948 · No. 29/2008



A union formed by chemical societies in Europe (ChemPubSoc Europe) has taken the significant step into the future by merging their traditional journals, to form two leading chemistry journals, the *European Journal of Inorganic Chemistry* and the *European Journal of Organic Chemistry*. Three further members of ChemPubSoc Europe (Austria, Czech Republic and Sweden) are Associates of the two journals.

COVER PICTURE

The cover picture shows spherical nanoparticles consisting of $NaYF_4$ co-doped with Er^{3+}/Yb^{3+}, which have been synthesised through a procedure simpler and less harmful than other methods previously reported, since it does not require the use of surfactant or capping additives. As illustrated in the picture, these nanoparticles emit visible light in the green and red regions when irradiated with infrared (980 nm) radiation. This property, known as up-conversion fluorescence, confers on the nanophosphors potential applications in several fields, including biotechnology. Details are discussed in the article by M. Ocaña et al. on p. 4517ff.