

29-30/2009

2nd-3rd October Issue

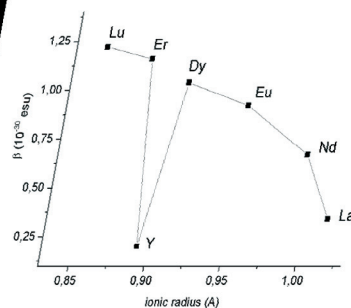
New  
ISI Impact Factor  
2.694

**EurJIC**  
European Journal of  
Inorganic Chemistry

NLOLN

*Eu-based two-photon  
scanning microscopy*

*f-electrons in SHG*



La Ce Pr Nd Pm Eu Gd Tb Dy Ho Er Tm Yb Lu

**Cover Picture / Microreview**

Chantal Andraud and Olivier Maury

Lanthanide Complexes for Nonlinear Optics

A Journal of



**WILEY-VCH**

www.eurjic.org



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 two of the most striking results of the use of lanthanide complexes for non-linear optical applications: (i) the design of lanthanide-based bioprobes for two-photon scanning microscopy and (ii) the direct contribution of *f* electrons to the quadratic hyperpolarisability. In their Microreview on p. 4357ff, C. Andraud and O. Maury propose an exhaustive description of the state-of-the-art of this emerging but also challenging field of research.

