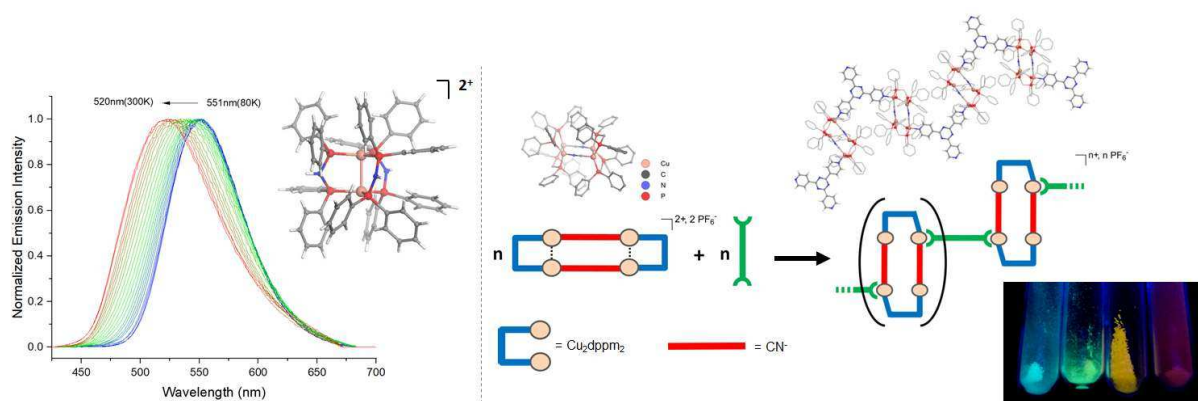


Preparation and study of luminescent Cu(I) multinuclear assemblies

Christophe LESCOP, Florent MOUTIER, Chendong XU, Jana SCHILLER, Vincent DELMAS, Constance LECOURT, Guillaume CALVEZ, Karine COSTUAS.

Univ Rennes, INSA Rennes, CNRS, ISCR "Institut des Sciences Chimiques de Rennes", F-35708 Rennes, France
christophe.lescop@insa-rennes.fr

An increasing interest is devoted to Cu(I) metal complexes for the preparation of new multifunctional molecular materials for lighting and sensors applications.¹ We will present the straightforward syntheses and solid-state characterizations of novel series of polymetallic Cu(I) supramolecular assemblies. Taking advantage of the unique conformational flexibility that the Cu(I) ion coordination sphere presents,^{1a,2} very diverse multinuclear architectures are obtained, associated with a large variety of photophysical properties.³



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