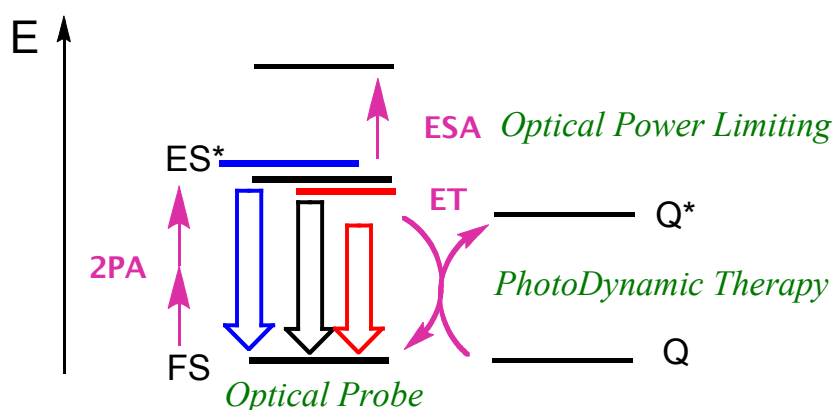


Excited-states of 1,10-phenanthroline derivatives and related Ru(II) (nano-)edifices for potential applications

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The presentation will concern studies in the field of the linear and nonlinear optical properties of ligands and related Ru(II) complexes [1]. One- and two-photon induced (2PI) access to ³MLCT excited states will be discussed both in a fundamental interest and in the perspective of potential applications in physics and biology such as photodynamic therapy (PDT) [2]. The access to functionalized surfaces [3] and nano-particles [4] will also be presented and discussed in the perspective of applications in theranostic [5].



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