

Nonlinear optics in nanoantennas

Introduce:

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Interviene:

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Abstract:

Exploiting resonances of dielectric and metallic nanoparticles can provide a superior way for manipulation of light fields. The control of these resonances is achieved by varying the geometry of the nanoparticles (i.e. the optical nanoantennas) leading to the engineering of many optical processes, including second harmonic generation. In this talk I will present our activities on the design of all-dielectric and metallic nanoantennas for efficient nonlinear interactions and second harmonic generation.

Seminario

Giovedì 12 ottobre 2017

Sala Riunioni, ore 12.00

Via dei Musei 41 - Brescia

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