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Italian Chapter

Annuncio del Seminario del Prof. Demetri Psaltis organizzato da CNR-INO e IEEE-Photonics Italian Chapter .

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c/o Sezione di Napoli dell'Istituto Nazionale di Ottica, Via Campi Flegrei 34, 80078 Pozzuoli (Napoli).

(<http://www.ino.it/?p2=sedi&p=napoli>)

Summary:



Optofluidics

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Optofluidics refers to a class of adaptive optical circuits that integrate optical and fluidic devices. Familiar examples include liquid crystals and dye lasers. The introduction of liquids in the optical structure enables fine-tuning and reconfiguration of circuits so they can perform tasks optimally in a changing environment. We will discuss how the emergence of fluidic transport technologies at the micron and nanometer levels opens possibilities for novel adaptive optical devices

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