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ZAJEDNIČKI KOLOKVIJ FIZIČKOG ODSJEKA  
I INSTITUTA ZA FIZIKU

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Vrijeme: srijeda 16. 9. 2009., 15:15 sati (točno)

Mjesto: Institut za fiziku, predavaonica u zgradi Mladen Paić

Guiding light for future technologies

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I will discuss recent advances in the field of nonlinear photonics for guiding and manipulating light with the help of microstructured materials such as photonic crystals and periodic photonic lattices, emphasizing the specific results from our group in Australia and also links between optics and the solid state physics. I will also introduce a new field of negative-index materials and discuss recent concepts of cloaking of invisibility and transformation optics.

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