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## Optical Photonic Components Annamaria Cucinotta

**near-infrared and optical beam steering and frequency ...** - air-holes-in-silicon inverse photonic crystals anna c. tasolamprou,\* ... example in demultiplexer components for optical communications, optical spectroscopy, ... between the mature si-based photonic crystal optical circuits and the outside world in a natural manner. **call for papers for second workshop on optical wireless ...** - anna maria vegni roma tre university, italy (annamariagni@uniroma3) ... of optical wireless communications including the vlc. in the last decade we have seen a growing trend in ... • novel (photonic) devices and components owc • owc and vlc networks: architecture, phy/mac design, cross-layer design etc. **ieee ict 2017 21-25 may 2017 // paris, france** - anna maria vegni, university of roma tre, italy fary ghassemlooy, northumbria university, uk ... modelling of various noises in optical wireless communications modulation, coding and detection schemes mobile-to-infrastructure and mobile-to-mobile optical communication novel (photonic) devices and components owc owc and vlc networks ... **a monolithic photonic microcantilever device for in situ ...** - konstantinos misiakos,\*a ioannis raptis,a annamaria gerardino,b harry contopanagosa and maria ... integrate the optical components on the same die with the ... photonic microcantilever device ... **frequency splitter based on the directional emission from ...** - directional emission from surface modes in dielectric photonic crystal structures anna c. tasolamprou,1,\* lei zhang,2 maria kafesaki,1,3 thomas koschny,2 costas m. soukoulis,1,2 1 institute of electronic structure and laser, ... optical devices," adv. mater. 13, 1501-1505 (2001). 5. d. **optical fibers and their applications 2012 - researchgate** - optical fibers and their applications 2012 ... anna cysewska-sobusiak, ... microstructural and photonic optical fibers tomasz r.woliński, warsaw university of technology (poland) ... **monolithically integrated perovskite semiconductor lasers ...** - piotr j. cegielski,† anna lena giesecke,\* ... the key components of silicon photonic integrated circuits (pics). perovskites can be deposited from solution ... optical lithography, which includes wet chemical processing in polar solvents and deionized water, which are generally **local infiltration of planar photonic crystals with uv ...** - local infiltration of planar photonic crystals with ... nic integrated components such as single mode waveguides, broadband low-reflection bends, crossings and splitters [9], ... optical resonances excited inside the cavity appear at 1 =1130.7 nm, 2=1248 nm, and 3=1339.9 nm. the reso- **ultra-subwavelength phase-sensitive fano-imaging of ...** - optical resonators is currently one of the main goals of the nano-optics community. in optical nano-resonators, the electric local density of optical states (ldos), which assesses the number of available photonic states in a specific spatial region1-4, is dominated by a few strongly localized modes that are not spectrally overlapped (note **2016 ieee photonics conference (ipc 2016)** - 2016 ieee photonics conference (ipc 2016) pages 1-373 1/2 . ... ma2.3 - rf photonic integrated circuit and components ... ave photonic and optical wireless systems with military communication and sensor systems ... **curriculum vitae - optoelectronics research group | bowers** - name and address of employer scuola di studi superiori universitari e perfezionamento sant'anna, pisa, italy type of business or sector research date ... integrated photonic optical circulator: ... the design of those components is based . curriculum vitae paolo pintus - 4 - on a finite element method (fem) developed ad-hoc for the ... **student chapter annual report 2014 officers - spie** - for the celebrating of 2015 year, "year of light", our spie student chapter suggests to organize the following events: 1. "magic optics": popularization and spread the basics of optics to the schoolchildren and ... optical-board games, photonic-freestyle football master-class, and also dance party. 3. "science & career": in the ... **connecting minds for global solutions - spie** - • highly integrated and functional photonic components ... optical and photonics technologies today as the basis for the programme. these current ... univ. pública de navarra (spain); maria kafesaki, foundation for research and technology-hellas (greece); vladimir kuzmiak, institute

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