

(M21)

1. “Theoretical Analysis of Mach-Zehnder Interferometer with a Porous-Film Waveguide”
N. Raicevic, A. Maluckov and J. Petrovic, *Journal of Optics* vol. **17** 055802 (2015) ;
<http://iopscience.iop.org/article/10.1088/2040-8978/17/5/055802/meta>
2. “Density dependence of refractive index of nanoparticle-derived titania films on glass”,
A. Matthias, **N. Raicevic**, R. D. Tchana, D. Kip and J. Deubener , *Thin Solid Films* vol. 558, 86–92 (2014);
<http://www.sciencedirect.com/science/article/pii/S0040609014002132>

(M22)

1. “Evanescent-wave optical gas sensor with a porous thin-film coating”,
N. Raicevic, A. Maluckov and J. Petrovic, *Physica Scripta*, T162, 014037 (2014) ;
<http://iopscience.iop.org/article/10.1088/0031-8949/2014/T162/014037/meta>

(M34)

1. “Monitoring of respiratory volumes by an long period grating sensor of bending”
N Raicevic , M D Ivanovic, P Belicev and J Petrovic
Journal of Physics: Conference Series 682 012008 (2016)
<http://iopscience.iop.org/article/10.1088/1742-6596/682/1/012008/pdf>
2. “Estimation of the Sensitivity of a Multi-Parameter Fibre Grating Sensor”,
N. Raicevic, M. Ivanovic, A. Maluckov, J. Petrovic,, V International School and Conference on Photonics - PHOTONICA, Book of Abstracts p. 173, Belgrade (2015)
3. “A New Approach to Design of a Mach-Zehnder Interferometer with a Porous-Film Waveguide”,
N. Raicevic, A. Maluckov and J. Petrovic, Conference on Lasers and Electro-Optics CLEO Europe CH-P.8, Munich, Germany (2015)
4. “Development of optical fibre-grating sensors for medical applications and evanescent field sensors of fluid concentration,”,
J. Petrović, **N. Raičević**, M. Petrović, Lj. Hadžievski, COST Action MP 1205 Advances in Optofluidics, General Meeting, , Book of Abstracts p. 29, Dublin, Ireland (2014)
5. “Optical sensors based on resonant absorption and surface plasmon resonance“,
N. Raicevic, A. Maluckov and J. Petrovic, 11th Mediterranean Workshop and Topical Meeting on Novel Optical Materials and Applications - NOMA, p. 161, Cetraro , Italy (2013)

6. “Evanescent field fiber-optics gas sensor using high index sol-gel nanoporous layer”,
N. Raicevic, A. Matthias, D. Kip and J. Deubener, *Photonica2011 – III International School and Conference on Photonics*, Book of Abstracts, p. 135, Belgrade, Serbia (2011)

7. “Light scattering by finite spherical particle”,
Igor Ilić and **Nevena Raičević**, *Photonica2009 – II International School and Conference on Photonics*, Book of Abstracts, p. 120, Belgrade, Serbia (2009)

(M64)

1. “Characterization of Optical Sensors Using Fisher Information”, J. Petrovic, N. **Raicevic**, Petrovic and A. Maluckov, 8. radionica Fotonike, Zbornik apstrakata, p. 14, Kopaonik, Srbija (2015)