

CURRICULUM VITAE

FAMILY NAME AND NAME

Simovic Ana

MAILING ADDRESS

Faculty of Science
Department of Physics
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DATE AND PLACE OF BIRTH

02.08.1985., Kragujevac, Serbia

EDUCATION

BSc, Physics and Informatics, Faculty of Science, University of Kragujevac(2004-2008)
(Won awards as a best student in the class (2005,2006,2007,2008))

PROFESSIONAL EXPERIENCE

- 2008 - 2010: Research Assistant on the project founded by Serbian Ministry of Science
“Theoretical and experimental investigations in microdosimetry and radioecology” ,N0 141023.
- from 2011- Research Assistant on the project founded by Serbian Ministry of Science
“Photonic components and systems” ,N0 171011.
- from 2009 - Teaching Assistant, Faculty of Science, Department of Physics,
University of Kragujevac (courses: Informatics/Computer programming,
Numerical methods and simulations in physics)

RESEARCH EXPERIENCE

- Optical fibers

SCIENTIFIC CONFERENCES/MEETINGS PARTICIPATED

II International School and Conference on Photonics
24-28 August 2009, Belgrade, Serbia

Balkan Summit of Young Scientists
17-19 December, Thessaloniki, Greece

III International School and Conference on Photonics
29 August- 2 September 2011, Belgrade, Serbia

LIST OF PUBLICATIONS

Papers printed in International Journal on ISI list

1. A. Djordjevich, S. Savović, P. W. Tse, B. Drljača, **A. Simović**, Mode coupling in strained and unstrained step-index glass optical fibers, Applied Optics, Vol. 49, No. 27, 2010, pp. 5076-5080.
2. S. Savović, A. Djordjevich, B. Drljača, **A. Simović**, Equilibrium mode distribution and steady state distribution in step index glass optical fibers, Acta Physica Polonica A, Vol. 116, No. 4, 2009, pp. 655-657.
3. S. Savovic, A. Djordjevich, **A. Simovic**, B. Drljaca, "Equilibrium mode distribution and steady-state distribution in 100-400 μm core step-index silica optical fibers," Applied Optics, Vol. 50, No. 21, 2011, pp. 4170-4173.
4. **A. Simović**, S. Savović, A. Djordjevich, Explicit finite difference solution of the power flow equation in W-type optical fibers, Physica Scripta (submitted, August 2011).