

Saša Gocić CV

1. Basic information

Personal Details

Date of Birth: January 29th, 1972.

Gender: male

Family Status: married, two children

Address:

University of Niš

Faculty of Sciences and Mathematics

Department of Physics

Višegradska 33, P. O. Box 224, 18000 Niš, Serbia

Tel.: +381 18 533014 ext. 154

Fax: +381 18 533014

e-mail: gsasa@pmf.ni.ac.rs

Education

2004 – 2009, PhD in Physic

PhD thesis: *Electrical breakdown in nitrogen at low pressure – physical processes and statistics*

Experimental Physic of Ionized Gases

Department of Physics, Faculty of Sciences and Mathematics,

University of Niš

1997 – 2004, MSc in Physics

MSc thesis : *Determination of the collision and transport coefficients during relaxation period in argon*

Experimental Physic of Ionized Gases

Department of Physics, Faculty of Philosophy and Faculty of Sciences and Mathematics,

University of Niš,

1991 – 1996, BSc in Physics

Applied Physic

Department of Physics, Faculty of Philosophy, University of Niš

Finished with average mark **9.55 (nine point fifty five)**

2. Professional achievements

Professional Experience

Junior Teaching Assistant:

1999-2005, Department of Physics, Faculty of Sciences and Mathematics,

University of Niš

Teaching Assistant:

2005-2010, Department of Physics, Faculty of Sciences and Mathematics,

University of Niš

Assistant Professor:

2010-2013, Department of Physics, Faculty of Sciences and Mathematics,
University of Niš

Associate Professor:

2013-present, Department of Physics, Faculty of Sciences and Mathematics,
University of Niš

Teacher in Special Department for Talented Students in Physics

2003 – present, High School "Svetozar Marković", Niš, Serbia

Professional Experience

2018-present Head of Department of Physics,
Faculty of Sciences and Mathematics,
University of Niš

2011-2017 Chair Experimental and Applied Physics
Department of Physics, Faculty of Sciences and Mathematics,
University of Nis

Research projects

Physical Processes in Ionized Gases and Solid State Materials (1996-2000)

Funded by: Ministry of Science and Technological Development, Republic of Serbia

Project holder: Institute of Physics, Beograd

Project leader: Zoran Petrović

Physics and Application of Non-equilibrium Plasmas (2000-2005)

Funded by: Ministry of Science and Technological Development, Republic of Serbia

Project holder: Institute of Physics, Beograd

Project leader: Zoran Petrović

Physical Basis of Non-equilibrium Plasma Application in Nanotechnology and Material Processing (2006-2010)

Funded by: Ministry of Science and Technological Development, Republic of Serbia

Project holder: Institute of Physics, Beograd

Project leader: Zoran Petrović

Fundamental Processes and Application of Particles Transport in Non-equilibrium Plasmas, Traps and Nanostructures (2010-present)

Funded by: Ministry of Science and Technological Development, Republic of Serbia

Project holder: Institute of Physics, Beograd

Project leader: Zoran Petrović

Other projects

International Year of the Light (2015)

Member of the Local Organizing Committee

Faculty of Sciences and Mathematics,

University of Niš

HORIZON 2020 „The Road to Friday of Sciences - ReFocus“
H2020-MSCA-NIGHT-2016-ReFocuS-722341, (2016-2017)
In co-organization with Faculty of Sciences and Mathematics,
University of Niš

Mechanical and electrical oscillations in physics teaching
Accredited seminar for high-school teachers of physics (2016-2018)
(Zavod za Unapredjenje Obrazovanja i Vaspitanja, No: 0616)

3. Academic achievements

Teaching

Faculty of Sciences and Mathematics, University of Niš, Serbia

o Present bachelor and master level courses

Laboratory Practice III (2010/11 – present)
Optics (2010/11 – present)
Geophysics (2014/15 - present)
Radiology and Dosimetry (2013/14 - 2014/15)
Plasma Applications in Nanotechnologies (2014/15 - present)
Introduction to Physics of Ionized Gases (since 2018/19)

o PhD level

Collision and Transport Processes in Ionized Gases (2010/11 –2011/12)
Modelling of Gas Discharges (2011/12 – present)
Elementary processes in gases (2014/15 - present)
Physic of Electrical Gas Discharges (since 2018/19)