

**LIST OF PUBLICATIONS**

a) *Naučni radovi objavljeni u međunarodnim časopisima*

a1. Momčilo M. Pejović, Goran S. Ristić, Čedomir S. Milosavljević and **Milić M. Pejović**, “Influence of tube wall material type and tube temperature on the recombination process of nitrogen ions and atoms in afterglow”, *J. Phys. D: Appl. Phys.*, Vol. 35, 2002, pp. 2536-2542.

a2. **Milić M. Pejović**, Čedomir S. Milosavljević and Momčilo M. Pejović, “Electrical system for measurement of breakdown voltage of vacuum and gas-filled tubes using dynamic method”, *Review of Scientific Instruments*, Vol. 74, No. 6, 2003, pp. 3127-3129.

a3. Momčilo M. Pejović, Čedomir S. Milosavljević and **Milić M. Pejović**, “The estimation of static breakdown voltage for gas-filled tubes at low pressures using dynamic method”, *IEEE Trans. on Plasma Science*, Vol. 31, No. 4, 2003, pp. 776-781.

a4. Momčilo M. Pejović, Emilija N. Živanović and **Milić M. Pejović**, “Kinetics of ions and neutral active states in the afterglow and their influence on the memory effect in nitrogen at low pressures”, *J. Phys. D: Appl. Phys.*, Vol. 37, 2003, pp. 200-210.

a5. Momčilo M. Pejović and **Milić M. Pejović**, “The influence of some species formed during the discharge and gamma and UV radiation on breakdown voltage and time delay in nitrogen and neon at low pressure”, *Plasma Sources Sci. Technol.*, Vol. 14, 2005, pp. 492-500.

a6. **Milić M. Pejović**, Momčilo M. Pejović and Goran S. Ristić, “Gamma and UV radiation effects on breakdown voltage of neon-filled tube”, *IEEE Trans. on Plasma Sci.*, Vol. 33, No. 3, 2005, pp. 1047-1052.

a7. **Milić M. Pejović**, “Digital system for vacuum and gas-filled device testing”, *Rev. Scientific Instr.*, Vol. 76, 2005., pp. 015102-1 - 015102-5.

a8. Momčilo M. Pejović, Nikola T. Nešić and **Milić M. Pejović**, “Analysis of low-pressure DC breakdown in nitrogen between two spherical iron electrodes”, *Physics of Plasmas*, Vol. 13, 2006, pp. 022108-1 - 022108-8.

a9. **Milić M. Pejović** and Momčilo M. Pejović, “Investigations of breakdown voltage and time delay of gas-filled surge arresters”, *J. Phys. D: Appl. Phys.*, Vol. 39, 2006, pp. 4417-4422.

a10. Momčilo M. Pejović, Jugoslav P. Karamarković, Goran S. Ristić and **Milić M. Pejović**, “Analysis of neutral active particles loss in afterglow in krypton at 2.6 mbar pressure”, *Physics of Plasmas*, Vol. 15, 013502, 2008.

a11. Momčilo M. Pejović and **Milić M. Pejović**, “Memory effect in argon in the presence of vacuum and gas electrical breakdown mechanisms”, *Appl. Phys. Lett.* Vol. 92, 011507, 2008.

b) *Radovi saopšteni na međunarodnim naučnim skupovima koji su štampani u odgovarajućim zbornicima radova*

b1. **Milić M. Pejović**, Čedomir S. Milosavljević and Momčilo M. Pejović, “System for measurement of breakdown voltage for gas-filled tubes”, *Proc. of 21<sup>st</sup> Summer School and International Symposium on the Physics of Ionized Gases, 21<sup>st</sup> SPIG*, Contributed papers, M. K.

Radović, M. S. Jovanović Ed., Department of Physics, Faculty of Sciences and Mathematics, University of Niš, 2002., pp. 398-401.

b2. Emilija N. Vukosavljević, **Milić M. Pejović** and Momčilo M. Pejović, “Memorz effect in nitrogen at 4 mbar pressure”, *Proc. of 21<sup>st</sup> Summer School and International Symposium on the Physics of Ionized Gases, 21<sup>st</sup> SPIG*, Contributed papers, M. K. Radović, M. S. Jovanović Ed., Department of Physics, Faculty of Sciences and Mathematics, University of Niš, 2002., pp. 402-405.

b3. Čedomir Milosavljević, Darko Mitić, Boban Veselić and **Milić Pejović**, “Digital sliding mode control of X-ray appartus electrical drives”, *12<sup>th</sup> International Symposium on Power Electronics-EE 2003*, Novi Sad, 2003., pp. 1-5.

b4. Čedomir Milosavljević, **Milić Pejović** and Goran Milosavljević, “Sliding mode control of third-order object with stable finite zero”, *ICEST 2003*, Sofia, 2003, pp. 365-368.

b5. **Milić M. Pejović**, Momčilo M. Pejović and Goran S. Ristić, “A breakdown voltage measurement of neon-filled tube using digital system”, *Proc. of 22<sup>st</sup> Summer School and International Symposium on the Physics of Ionized Gases, 22<sup>st</sup> SPIG*, Contributed papers, E. Lj. Hadžievski Ed., Vinča Institut of Nuclear Science, 2004., pp. 409-412.

c) *Radovi saopšteni na domaćim naučnim skupovima koji su štampani u odgovarajućim zbornicima radova*

c1. **Milić M. Pejović**, Čedomir S. Milosavljević i Momčilo M. Pejović, “Automatsko merenje i akvizicija podataka probojnog napona gasnih i vakuumskih cevi”, *HIPNEF 2002*, Vrnjačka Banja, 2002, str. 263-267.