

## INVITED TALKS AT INTERNATIONAL CONFERENCES

1. Gas Breakdown and initiation of discharges  
Z.Lj. Petrović, M. Radmilović Rađenović, D. Marić, N. Škoro, A. Nina, N. Puač, S. Lazović and G. Malović  
Second workshop and training school on low cost applications of plasma technology in industry and environment (10-15th November 2007 Cairo) (2007)
2. Voltampere Characteristics Of Low Current Micro Discharges And Transport Coefficients In CF<sub>x</sub>/CF<sub>4</sub> Mixtures  
Z. Lj. Petrović, D. Marić, Ž. Nikitović, C.M.O. Mahony, P. D. Maguire, N. Škoro and V. Stojanović  
The 6th EU-Japan Joing Symposium on Plasma Processing (April 21-23, 2008, Okinawa, Japan) (2008) pp. 16-17
3. Hollow Cathode Discharges: Volt-Ampere Characteristics and Space-Time Resolved Structure of the Discharge  
D. Marić, N. Škoro, G. Malović, Z. Lj. Petrović, V. Mihailov and R. Djulgerova  
Proceedings of the 2nd International Workshop on Non-equilibrium Processes in Plasmas and Environmental Science (August 23-26, 2008, Belgrade and Novi Sad, Serbia,) (2008) pp. 25-26
4. Micro Discharge Scaling and Development from Centimetres to microns: DC and RF Breakdown and Discharge Characterization around the Paschen Minimum  
Paul Maguire, Z. Lj. Petrović with D. Marić, N.Škoro, G.Malović, M.Radmilović-Rađenović, C.Mahony, W.G.Graham and T. Gans  
61st Annual Gaseous Electronics Conference (October 13-17, 2008, Dallas , Texas, USA) pp.77 QR3 5, Bul. Am. Phys. Soc. **53** No.10 (2008) ISSN: 0003-0503
5. Volt-ampere Characteristics and Diagnostics of Micro Discharges  
Z. Lj. Petrović, D. Marić, N. Škoro, G. Malović, N. Puač, S. Lazović, M. Radmilović-Radjenović, D. Maletić  
Fundamentals and Applications of Microplasmas (March 1-6, 2009, San Diego, California, USA) (2009)
6. Volt-Ampere Characteristics and Regimes of operation of Hollow Cathode Discharges  
Z Lj Petrović, D Marić, N Škoro, G Malović, M Radmilović-Rađenović, V Mihailov and R Djulgerova  
36th EPS Conference on Plasma Physics, 2nd Workshop on Plasma for Environmental Issues (June 29-July 3, 2009, Sofia, Bulgaria) (2009)
7. Scaling issues in microdischarges  
D. Marić, N. Škoro, G. Malović, P. D. Maguire, C. M. O. Mahony, J. Greenan, Z. Lj. Petrović  
Diagnostics of microplasmas, International Workshop (March 21-23, 2010, Bochum, Germany) (2010)
8. New phenomenology in description of Townsend discharges and gas breakdown: from standard size to microdischarges

- Z. Lj. Petrović, D. Marić, N. Škoro, M. Savić, J. Sivoš, M. Radmilović Rađenović, M. Šuvakov, G. Malović  
The 4th International Conference on Plasma-Nanotechnology and Science (March 10-12, 2011, Gifu, Japan) (2011)
9. Plasma breakdown: Experiments and simulation  
D. Marić, M. Savić, S. Marjanović, N. Škoro, M. Šuvakov, M. Radmilović-Radjenović, G. Malović, Zoran Lj. Petrović  
The 38th EPS Conference on Plasma Physics (June 27-July 1, 2011, Strasbourg, France) (2011)
  10. Gas breakdown, from Townsend discharges to atmospheric pressure jets  
Z.Lj. Petrović, D. Marić, N. Puač, N. Škoro, D. Maletić and G. Malović  
30th ICPIG, August 28 – September 2, 2011, Belfast, UK (2011)
  11. Application of non-equilibrium plasmas in nanotechnologies and biomedicine  
Z.Lj. Petrović, N. Puač, S. Lazović, D. Maletić, M Radjenović Radmilović, D. Marić, N Škoro, B Radjenović, S Marjanović and G. Malović  
Workshop: Characterization, Properties and Applications of Nanostructured Ceramics, Polymers and Composites, (Belgrade, Serbia, October 24-25 2011)
  12. Development of Biomedical Applications of Non-equilibrium Plasmas and Possibilities for Atmospheric Pressure Nanotechnology Applications  
Z.Lj. Petrović, N. Puač, D. Marić, D. Maletić, K. Spasić, N. Škoro, J. Sivoš, S. Lazović, G. Malović  
28th International Conference on Microelectronics (MIEL 2012) (May 13-16, 2012, Niš, Serbia) (2012)
  13. Breakdown and discharge regimes in standard and micrometer size DC discharges  
N. Škoro  
26th Summer School and International Symposium on the Physics of Ionized Gases (August 27 – 31, 2012, Zrenjanin, Serbia) (2012)
  14. Breakdown and discharge development in various gases and electrode configurations  
D. Marić, J. Sivoš, N. Škoro, G. Malović, T. Kuschel, I. Stefanović, J. Winter and Z. Lj. Petrović  
19th Symposium on Application of Plasma Processes and Workshop on Plasmas as a Planetary Atmospheres Mimics (January 26-31, 2013, Vrátna, Slovakia) (2013)
  15. Electrical breakdown in low-pressure ethanol vapour  
J. Sivoš, N. Škoro, D. Marić, G. Malović and Z. Lj. Petrović  
16th International Conference on Plasma Physics and Applications (Magurele, Bucharest, Romania, June 20-25, 2013) O18-50
  16. New phenomenology of gas breakdown in DC and RF fields  
Z Lj Petrović, J Sivoš, M Savić, N Škoro, M Radmilović Rađenović, G Malović and D Marić  
Eighteenth International Summer School on Vacuum, Electron and Ion Technologies (October 7 – 11, 2013, Sozopol, Bulgaria) (2013)

17. Cross Sections for Scattering of Electrons and Positrons in Modeling of Ionized Gases and Non-Equilibrium Plasmas  
Z.Lj. Petrović, S. Dujko, J. Mirić, D. Bošnjaković, A. Banković, S. Marjanović, D. Marić, J. Sivoš, N. Škoro, M. Savić, O. Šašić and G. Malović  
International Symposium on Non-equilibrium Plasma and Complex-System Sciences (IS-NPCS) (February 26-28, 2014, Icho Kaikan, Osaka University, Osaka, Japan) (2014)
18. Development of fast neutral etching for integrated circuits and nanotechnologies fast neutrals in gas  
Z.Lj. Petrovic, V. Stojanovic, N. Skoro, Z. Nikitovic, G. Malovic, J. Sivos, D. Maric  
29th International Conference on Microelectronics (May 12-14, 2014, Belgrade, Serbia) (2014) ima i rad u Proceedings of the International Conference on Microelectronics, ICM, art. no. 6842079, pp. 17-24.
19. Atomic and molecular processes of interest for modeling of discharges in liquids  
Dragana Marić, Jelena Sivoš, Nikola Škoro, Vladimir Stojanović, Srđan Marjanović, Ana Banković, Saša Dujko, Gordana Malović and Zoran Petrović  
6th Conference on Elementary Processes in Atomic Systems – CEPAS 2014 (July 9th - 12<sup>th</sup>, 2014, Bratislava, Slovakia) (2014)
20. Heavy-particle processes in low-pressure water vapour discharge  
N. Škoro, D. Marić, V. Stojanović, J. Sivoš, G. Malović and Z. Lj. Petrović  
28th Summer School and International Symposium on the Physics of Ionized Gases (August 29-September 2, 2016, Belgrade, Serbia) (2016)
21. Heavy-particle collisions in water vapour discharges at low pressures  
N. Škoro, D. Marić, V. Stojanović, J. Sivoš, G. Malović and Z. Lj. Petrović  
23rd Europhysics Sectional Conference on the Atomic and Molecular Physics of Ionized Gases (ESCAMPIG) (July 12-16, 2016, Bratislava, Slovakia) (2016)
22. Application of Atmospheric Pressure Plasmas in Agriculture for Wastewater Cleaning  
N. Škoro, N. Puač, S. Živković, D. Mišić, U. Cvelbar, G. Malović and Z. Lj. Petrović  
International Conference on Plasmas with Liquids (ICPL 2017) (March 5-9, 2017, Prague, Czech Republic) (2017)
23. Destruction of organophosphate pollutants in water using atmospheric pressure plasma sources  
N. Škoro, N. Puač, S. Živković, D. Mišić, U. Cvelbar, G. Malović and Z. Lj. Petrović  
10th Photonics Workshop (February 26-March 2, 2017, Kopaonik, Serbia) (2017)