

## CURRICULUM VITAE

### Mila (Rabrenović) Laušević

**Current Address:** Faculty of Technology and Metallurgy, University of Belgrade,  
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**Education:** Faculty of Technology and Metallurgy, University of Belgrade

- Ph.D. Interaction of High Kinetic Energy Ions with Collision Gas Molecules in Mass Spectrometry, mentor Prof. T. Ast (1984)
- M.Sc. Development of Methods for Generation of Carbon Emitters for Field Desorption Mass Spectrometry, mentor Prof. T. Ast (1980)

**Teaching positions:** Faculty of Technology and Metallurgy, University of Belgrade

- 1997-present Professor at the Department of Analytical Chemistry teaching: Instrumental Analysis, Environmental Analysis, Trace analysis and Mass Spectrometry
- 1991-93 Associated professor
- 1983-91 Assistant professor
- 1977-83 Teaching assistant

**Teaching experience:** Trent University, Peterborough, Canada

- 1995-96 Visiting professor at the Department of Chemistry, teaching Instrumental Analysis (undergraduate level)

**Research:**

- 2003-present Head of the Mass spectrometry laboratory at the Faculty of Technology and Metallurgy, University of Belgrade
- 1994-96 Visiting scientist at the Department of Chemistry, Trent University, Peterborough, Canada, Prof. R.E. March, advisor.
- 1981-83 Research Assistant at the Royal Society Research Unit, University College of Swansea, Swansea, United Kingdom; Prof. J.H. Beynon adviser (Royal Society Research grant)
- 1977-78 Research Assistant at the Mass Spectrometry Laboratory, Jozef Štefan Institute, Ljubljana, V. Cramer advisor

**Research interest:** Mass spectrometry, environmental analysis, advanced carbon materials

**Publications:** More than 80 papers published were cited over 700 times by other authors.

Recent book chapters:

1. Tatjana Vasiljević, Svetlana Grujić, Marina Radišić, Nikolina Dujaković, Mila Laušević, Pesticide Residues in Surface and Ground Water, in *Pesticides: Evaluation of Environmental Pollution*, H.S. Rathore and L. Nollet ed. CRC Press, Taylor & Francis Group, Boca Raton, 2012. pp 259-298.
2. S. Grujić, T. Vasiljevic, M. Radisic, M. Lausevic, Determination of pesticides by matrix solid-phase dispersion and liquid chromatography–tandem mass spectrometry. In *Handbook of Pesticides: Methods of Pesticide Residues Analysis*, ed. LML Nollet, H.S. Rathore, CRC Press, Taylor & Francis Group, Boca Raton, FL, USA, 2010, pp 141-164.

Recent publications:

1. Marija Vukcevic, Ana Kalijadis, Marina Radisic, Biljana Pejic, Mirjana Kostic, Zoran Lausevic, Mila Lausevic, Application of carbonized hemp fibers as a new solid-phase extraction sorbent for analysis of pesticides in water samples, *Chemical Engineering Journal* 211-212 (2012) 224–232

2. Manojlović D, Radišić M, Laušević M, Živković S, Miletić V., Mathematical modeling of cross-linking monomer elution from resin-based dental composites, *Journal of Biomedical Materials Research Part B: Applied Biomaterials* , **101B** (2012) 61-67
3. Tanja Radović, Svetlana Grujić, Nikolina Dujaković, Marina Radišić, Tatjana Vasiljević, Anđelka Petković, Milan Dimkić, Mila Laušević, Pharmaceutical Residues in the Danube River in Serbia – a two year survey, *Water Science and Technology* **66**, (5), 659–665, 2012
4. Tatjana Vasiljević, Nikolina Dujaković, Marina Radišić, Svetlana Grujić, Milan Dimkić, Mila Laušević, Methods for Monitoring of Pesticide Residues in Water: Current Status and Recent Trends, *Water Science and Technology* **66** (2012) 965–975
5. Zoran Jovanovic, Ana Kalijadis, Dana Vasiljevic-Radovic, Marko Eric, Mila Lausevic, Slako Mentus, Zoran Lausevic, Modification of glassy carbon properties under low energy proton irradiation, *Carbon* **49** (2011) 3737-3746
6. Ana Kalijadis, Zoran Jovanovic, Mila Lausevic, Zoran Lausevic, The effect of boron incorporation on the structure and properties of glassy carbon, *Carbon* **49** (2011) 2671-2678
7. Dragica Manojlovic, Marina Radisic, Tatjana Vasiljevic, Slavoljub Zivkovic, Mila Lausevic, Vesna Miletic, Monomer elution from nanohybrid and ormocer-based composites cured with different light sources, *Dental materials*, **27** (2011) 371–378
8. Jovanovic Zoran M, Kalijadis Ana, M Lausevic Mila D, Lausevic Zoran V, The evolution of hydrogen from proton irradiated glassy carbon, *Nuclear Instruments & Methods in Physics Research Section B: Beam Interactions With Materials and Atoms*, **269** (2011) 2578-2583
9. Abramovic Biljana F, Kler Sanja J, Sojic Daniela V, Lausevic Mila D, Radovic Tanja, Vione Davide, Photocatalytic degradation of metoprolol tartrate in suspensions of two TiO(2)-based photocatalysts with different surface area. Identification of intermediates and proposal of degradation pathways, *Journal of Hazardous Materials*, **198** (2011) 123-132
10. Pejic Biljana M, Vukcevic Marija M, Pajic-Lijakovic Ivana S, Lausevic Mila D, Kostic Mirjana M, Mathematical modeling of heavy metal ions (Cd(2+), Zn(2+) and Pb(2+)) biosorption by chemically modified short hemp fibers, *Chemical Engineering Journal*, **172** (2011) 354-360