## *COST ACTION GREENERING – DATA COLLECTION*

**First name, Family Name:** Jana Mišurović
**Type (Academic or Industrial):** Academic
**Country:** Montenegro
**Leadership position in the COST**: MC Substitute
**Working Group in which you are involved:** WG3
**E-mail:** janam@ucg.ac.me

**Laboratory/Company:** Faculty of Metallurgy and Technology, University of Montenegro, 81000 Podgorica, Montenegro

**Laboratory/Company info:** The Faculty of Metallurgy and Technology is one of the units of the University of Montenegro with three study programs: Metallurgy, Chemical Technology and Environmental Protection. Since its founding in 1973, up to 1000 degrees of Engineer, Bachelor, Specialist, Master and PhD have been awarded.

**Link to the home page of the Laboratory/Company:** https://www.ucg.ac.me/mtf

**Fields of expertise (limited to 400 characters):**
Physical Chemistry of materials, Material characterization, Electroactive and electroconductive polymers, Polyaniline nanostructures, Chemical oxidative polymerisation of aromatic amines, Energy storage and conversion.

**5 Main publications or patents:**

1. Jana Mišurović, Miloš Mojović, Budimir Marjanović, Predrag Vulić, Gordana Ćirić-Marjanović, Magnetite nanoparticles-catalysed synthesis of conductive polyaniline, Synthetic Metals, 257 (2019) 116174.
2. Jana Mišurović, Gordana Ćirić-Marjanović, "Synthesis and Structural Characterization of Nanofibrous Polyaniline", Technique-New Materials, 73 (4) (2018) 463-469.
3. Jana Mišurović, Gordana Ćirić-Marjanović, "Novel, eco-friendly approach for the oxidative polymerization of aniline using $Fe_3O_4$ nanoparticles/$H_2O_2$ catalytic system", The 18th Young Researchers' Conference Materials Sciences and Engineering, December 4–6, 2019, Belgrade, Serbia, The Book of Abstracts, p.47.
4. Jana Mišurović, Gordana Ćirić-Marjanović, "Nanofibrous polyaniline preparation by the oxidative polymerization of aniline with the oxidant in excess: Raman and FTIR spectroscopy study" (poster presentation), *Twentieth Annual Conference YUCOMAT 2018*, Herceg Novi, September 3-7, 2018, Herceg Novi, Montenegro, The Book of Abstracts, p.115.
5. Jana Mišurović, Gordana Ćirić-Marjanović, "$Fe_3O_4$-assisted oxidative polymerization of aniline" (poster presentation), *IUPAC Postgraduate Summer School on Green Chemistry*, July 7-13, 2018, Venice, Italy, The Book of Abstracts, p.62.

**Collaborations:**
Faculty of Physical Chemistry, University of Belgrade

**Facilities:**

- FT-IR
- Atomic absorption spectrophotometer
- X-Ray Diffraction
- UV-Vis spectrophotometer
- Potentiostat
- Quartz tube furnace