I (we) plan to submit a paper as a poster, computer poster, or either.

**TITLE** Single particle-inductively coupled plasma mass spectrometry of metal-containing nanomaterial in surface waters around Las Vegas, Nevada, USA

**AUTHOR NAME(S)** [give full names of all authors, underline presenting author]:
Edward M. Heithmar¹, Emily Siska²

**COMPLETE POSTAL AND E-MAIL ADDRESS(ES)** [give full address of all authors]:
¹US EPA Office of Research and Development
944 E. Harmon Ave
Las Vegas, NV 89119
heithmar.ed@epa.gov
²Student-services contractor to US EPA ORD, Las Vegas, NV

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Detection and characterization of metal-based nanomaterials in environmental compartments is challenging due to the low concentration of the materials and the ubiquity of many metals in dissolved form. SP-ICPMS provides screening level information on metal-bearing nanoparticle concentration and metal mass in individual nanoparticles. Application of the technique to screening urban surface water for nanomaterials will be presented.

**CLASSIFICATION.** Which of the following best describes your paper?

A. Symposium:
- Sample introduction/transport phenomenon
- Micronebulizers, flow processing
- Elemental speciation
- Chromatography and plasma detectors
- Automation and plasma instrumentation
- Artificial intelligence
- Chemometrics, Software
- On-line and remote analysis
- Sample preparation and treatment
- Spectroscopic standards and reference materials
- Excitation mechanisms and plasma phenomena
- Laser-assisted plasma spectrochemistry
- Glow discharge
- Teaching spectroscopy
- Plasma source mass spectrometry
- Stable isotope analysis
- Quality assurance

B. Application:
- Agriculture/Botany
- Biology
- Chemicals
- Energy
- Environment
- Food
- Geology
- High-purity materials
- Industrial products
- Medicine/Clinical/Forensic
- Metals
- Petroleum
- Semi/superconductor
- Stable isotopes
- Water
- Other ____________________________
- Workshop on New Plasma Instrumentation

**PUBLICATION.** Which of the following best describes your intentions for publication of the proposed paper?

- Submission to Conference proceeding journal:
  - Analytical and Bioanalytical Chemistry
  - Journal of Analytical Atomic Spectrometry
  - ICP Information Newsletter
- Submission to another journal
- No plan to submit manuscript
CERTIFICATION.
I (we) certify that the material to be presented represents original research or development, which at the time of the Conference will previously not have been published or presented in public.

SIGNATURE ___________________________________________________________ DATE ________________

COMPLETE MAILING ADDRESS (if not included above):

TELEPHONE/FAX/EMAIL:

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