I (we) plan to submit a paper as a **lecture** (15 min), **poster**, **computer poster**, or **either**.

**TITLE** Nanometal-oxide sunscreen agents by capillary electrophoresis - inductively coupled plasma mass spectrometry

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*Please type a 50-word descriptive abstract, sign below, and return this form by July 10, 2009, to 2010 Winter Conference, Attn: R. Barnes, ICP Information Newsletter, P.O. Box 666, Hadley, MA 01035-0666, or 18241 Beauty Berry Ct., Lehigh Acres, FL 33972-7525 USA; fax (239) 674-9431, e-mail wc2010@chem.umass.edu*

Capillary electrophoresis with detection by ICPMS is being explored to characterize nanomaterials in waste water treatment plant effluents. TiO$_2$ and ZnO, being widely used as UV filters in personal care products, plastics, and paints, are of concern as they enter the environment. CE-ICPMS is a potential approach to evaluate possible sources of exposure. Preliminary results will be presented here.

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


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

p submission to Conference proceeding journal:
  p **Analytical and Bioanalytical Chemistry** or p **Journal of Analytical Atomic Spectrometry**.
  p submission to **ICP Information Newsletter**. p submission to another journal. p 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.