



## Photoionization Mass Spectrometry

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Deadline for manuscript  
submissions:

**closed (15 July 2018)**

### Message from the Guest Editor

Dear Colleagues,

Mass spectrometry is widely used for the measurement of organic compounds. For example, persistent organic pollutants (POPs) in the environment have been successfully measured at trace levels. Currently, an electron ionization source is utilized in mass spectrometry. This approach, however, suffers from several limitations: It is sometimes difficult to observe a molecular ion, which prevents the determination of a molecular weight. When a light is used as the ionization source, it is possible to solve some parts of these problems. There are many approaches of using a laser emitting from the vacuum-ultraviolet to infrared regions, from the femtosecond to nanosecond lasers, and for the gaseous-phase to solid-phase samples. In this Special Issue, the Guest Editor welcomes the submission of papers related to state-of-the-art technology of “Photoionization Mass Spectrometry”, not only for basic science, but also for practical applications, such as in environmental and forensic sciences.

Prof. Dr. Totaro Imasaka

*Guest Editor*





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## Message from the Editor-in-Chief

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