Special Issue

Spectral Line Shapes in Plasmas, Including Cases with External Electric and Magnetic Fields and Laser Plasma Interaction

Message from the Guest Editor

Dear Colleagues: This Special Issue attempts to present recent researcher achievements crucial to fundamental and applied sciences, a topic well suited for the scope of the *Atoms* journal judging by the contents of already published articles. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Advances in the analytical theory of spectral line broadening in plasmas.
- Advances in the computer simulation of spectral line formation in plasmas.
- Newly performed experimental studies and the elaborated treatment of results of the formation of spectral lines in various plasma installations as well as of astrophysical objects.
- Influence of the external electric and magnetic fields and laser plasma interaction on spectral line formation, radiative transfer and atomic kinetics.

Guest Editor

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Message from the Editor-in-Chief

The scope of *Atoms* is deliberately wide and encompasses a large part of theoretical and experimental atomic,
molecular, nuclear, and chemical physics in order to encourage cross-disciplinary connections, while supporting the more traditional idea of individual subfields. The journal is also interested in papers concerning
the computation and compilation of data related to applications in the above areas. Details of experimental methods and codes are welcome. Your research is taken seriously and peer-reviewed with care. I encourage you
to contact me or any of the Editorial Board Members for further information.

Editor-in-Chief

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