

Institute of Physics and IOP Publishing: An overview of peer-review and journals

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Synopsis: This talk will give an overview of the work of IOP and the journals and services available from IOP Publishing. In particular, management of the peer-review process for *Journal of Physics B: Atomic, Molecular and Optical Physics* will be discussed.

The Institute of Physics is a scientific charity devoted to increasing the practice, understanding and application of physics.

IOP Publishing is a critical component of IOP, providing the print and online publications through which leading-edge scientific research is disseminated. Our publishing activities contribute directly to IOP's core charitable activities in promoting physics and physics education.

An overview of some of the work IOP undertakes will be given, along with the journals and services available from IOP Publishing.

In particular, management of the peer-review process for *Journal of Physics B: Atomic, Molecular and Optical Physics* will be discussed

Led by Editor-in-Chief, Jan-Michael Rost and Deputy Editor Paul Corkum, *Journal of Physics B: Atomic, Molecular and Optical Physics* is an established international journal, committed for the past 42 years to publishing high-quality research across all areas of atomic, molecular and optical physics.

Papers are published under the following sections:

- Atomic Physics
- Molecular and Cluster Structure, Properties and Dynamics
- Atomic and Molecular Collisions
- Cold Matter
- Optical and Laser Physics
- Quantum Optics, Information and Control
- Ultrafast, High-Field, and X-Ray Physics
- Astrophysics and Plasma Physics

We have a team dedicated to making sure the peer-review process runs as smoothly as possible, and in 2008 our median time from submission to web-publication was just 97 days for Papers and 49 days for Fast Track Communications. (Fig. 1)

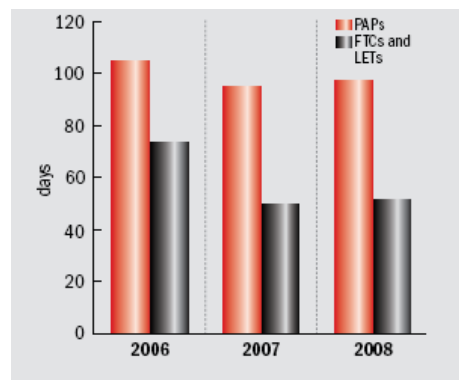


Fig. 1. Median submission to web-publication times in 2008 for Papers and Fast Track Communications in *Journal of Physics B: Atomic, Molecular and Optical Physics*.

Information about the production process, the readership of the journal, and forthcoming special issues will also be presented.

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