



## Call for Papers

### IPOL Special Issue on Lens Distortion Models

This Special Issue on *Lens Distortion Models* intends to contain the state of the art on lens distortion models including theoretical aspects and algorithms with emphasis on topics surrounding emerging issues on lens distortion models as polynomial and division models, automatic lens distortion correction, fisheye lenses, etc. . . The global purpose is to summarize in a handbook manner, the state of the art of the main aspects of lens distortion model knowledge including theoretical aspects and algorithms to account for new research fields.

A very notably difference of this Special Issue with other compiled works in other journals comes from the nature of the IPOL Journal. IPOL (Image Processing On Line, <http://www.ipol.im/>), is a new open-access online journal (ISSN: 2105-1232, started in 2011, indexed by Scirus, Google Scholar, DOAJ, SHERPA/RoMEO, Héloïse, Ulrich, Index Copernicus, PBN, JGate). The restricted goal of IPOL is to make accessible the algorithms in their uttermost explicit form to the scientific community. In IPOL, each article contains a *text describing an algorithm and source code (C/C++)*, with an *online demonstration facility and an archive of online experiments*. The text and source code are peer-reviewed and the demonstration is controlled. IPOL is an Open Science and Reproducible Research journal.

IPOL publication offers to authors a great world-wide visibility due to, not only the publication itself but also the sharing of algorithms and the real tests performed day-to-day and increasing the image database. That is, the publication of an algorithm by IPOL is different from, and complementary to, a classic journal publication.

#### Instructions for Authors

Publications in this Special Issue will follow the IPOL journal standard. See the detailed *Guide for Authors*: <http://www.ipol.im/meta/submission/>. Make sure to select "IPOL\_LDM" as the manuscript type in the editorial manager. Submission opens November 1st, 2013. A tentative submission deadline is December 2014. Given the nature of IPOL, each paper will be published as soon as its review procedure ends. For any question concerning this special issue please contact any of the guest editors.

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