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Chemical Physics Letters

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Publisher's Note

Chemical Physics Letters: Introducing a new section!

Chemical Physics Letters (CPL) is launching a new section of feature articles called *Frontiers*. The *Frontiers* section of *CPL* falls under the Editorship of Richard Saykally from the University of California, Berkeley, USA.

These *Frontiers* articles are designed to summarize, in a definitive and authoritative manner, the status and future of an active, forefront area of science which either comprises or impacts chemistry and physics, defined in a broad sense. Inclusion of important new results is strongly encouraged.

Frontiers articles should not review an entire field, but rather, should provide definitive guidance for researchers, in the form of essential concepts, theories, and equations, taken largely from the authors' own work, but placed in a broader context. They should be written so as to have long-term value and broad appeal.

The articles should be about twice the length of a standard *CPL* article, i.e. about 10 printed pages (not more than 10,000 words of text). The same format should be used. Photos and short biographies of authors will be included with the published article, and suggestions for the cover will receive strong consideration.

The full characteristics of *Frontiers* articles are as follows:

Frontiers articles are intended to address particularly interesting scientific developments from the last several years, in rapidly growing fields or in new areas for the journal, or just of general interest for the *CPL* reader. They should be understandable by any regular *CPL* reader with all jargon eliminated or explained at general *CPL* readership level. A *Frontiers* article should not be a rehash of previously written review articles by the same author(s).

The *Frontiers* articles might focus on the interesting questions that have been raised, issues that need to be resolved and what it might take to resolve them. Given the nature of the *CPL Frontiers* section, namely aiming to provide a brief insight into rapidly developing areas, there may be an element of speculation; however, in order to maintain *CPL's* scientific quality, they should not be too speculative. *Frontiers* article(s) will be published as the opening article(s) of the journal, and one of its Figures may be eligible for the cover.

A *Frontiers* article should as much as possible follow the following format:

- An introduction of the issues at stake.
- A glossary box or 'Jargon Box'.
- An historical overview.
- An update of the present status of the field.
- A view on the immediate future, challenges and directions.
- A short biography of the author(s) (in maximum 100 words per author) and their pictures.

The recommended length of a *Frontiers* article is twice that of a standard *CPL* article, or about 10 printed pages. The number of words in the main text and Jargon Box shall not be more than 10,000 (excluding the words in the title, abstract, captions, equations, tables and references). There is no limit on the number of references or the number of figures and tables. At the Editor's discretion, authors may be required to limit the number of references, figures or tables. It is suggested that about 90% of the cited articles should be less than 5 years old and the intention is to pay particular attention to the past 3 years of research.

The use of reader-friendly graphics is requested, in such a way that (most) figures with their captions are as self-contained as possible. There is the possibility of the publisher supplying free colour, if indispensable for the article, such to be decided by the *Frontiers* Editor.

Prospective authors will need to adhere to a fairly strict schedule for submitting the article and revising it, if the *Frontiers* concept is to be effective. Authors interested in writing an unsolicited *Frontiers* article should first contact the Editor who may ask for a one-page outline before a decision is reached.

Apart from the above, for *Frontiers* articles the same instructions apply as for regular articles (www.elsevier.com/locate/cplett).

The Editors and Publisher of *Chemical Physics Letters* welcome Richard Saykally to the team, and we trust his *Frontiers* initiative will become a demonstrably exciting new feature, both for the authors and readers of the Journal!

Karel Nederveen
 Publisher
Chemical Physics Letters