

**DEVELOPMENTS IN THE CRYSTALLOGRAPHY JOURNALS  
ONLINE SERVICE**

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In the last triennium the Crystallography Journals Online service has matured into a full feature-rich research tool. Access to most content is through subscription, to online content alone or coupled to delivery of print issues; free access is granted to official IUCr publications and some other categories of paper. Readers may consult print-quality PDF facsimiles of the printed pages or use the richer browsing and navigation features of HTML pages. Papers have links to supplementary documents, often as multimedia files, to the CIF data recording crystal structures, and to cited papers in journals of the IUCr and other publishers. Delivery of supplementary information as different media types enables readers to visualize or analyze crystal structures in the software applications of their choice. Authors may submit their papers electronically, track their progress through the production process and download proofs and reprints over the web. In the next triennium efforts will be concentrated on enhancing these features. Online submission procedures will be extended to speed the review process. Enhancements to authoring templates will improve the efficiency of the production process. Registered users of the service will be able to submit and referee papers, read journal articles, request current awareness alerts, maintain their contact details and interests in the World Directory of Crystallographers, participate in special-interest discussion forums and manage other IUCr activities within their personal electronic workspace. Linking will be further strengthened, enabling readers of an article to access related records across more journals and crystallographic and other structural databases.

**Keywords: JOURNALS ONLINE JOURNALS ELECTRONIC  
PUBLISHING**

**ACTA CRYSTALLOGRAPHICA SECTION B: STRUCTURAL  
SCIENCE**

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In the triennium 1999-2001, Section B has published 3132 pages, comprising 332 full Research Papers, 10 Short Communications, 3 Topical Reviews and 2 Lead Articles. In line with the international aims of the journal, authors from 31 countries were represented in Section B during 2000, and from 28 countries in 2001. There is a healthy stream of new submissions, and a joint Special Issue with Section D on Crystallographic Databases is planned for mid-2002. The current chemical balance of papers - organic (48%), inorganic (52%) - represents a slight swing from the 40:60 split in the previous triennium. Section B continues to serve the needs of those working on charge density studies, neutron and powder diffraction, structural systematics from the inorganic and small-molecule databases, studies of polymorphs and phase transitions, and computational methodologies, including *ab initio* crystal structure prediction. The impact factor of Section B continues to rise, from 1.463 in 1997 to 1.734 in 2000. There have been major changes in manuscript handling and in-house procedures and significant improvements in processing times. Relevant data will be presented. In my final report as Editor of Section B, it is a pleasure to record thanks to the authorship for quality input, to all referees (without whom no journal can flourish and aspire to high standards), and particularly to the IUCr Office staff in Chester. Their innovative and responsive approach to journal editing, production and presentation has been much appreciated over the past nine years.

**Keywords: JOURNALS COMMISSION ACTA CRYST. B  
STRUCTURAL SCIENCE**

**ACTA CRYSTALLOGRAPHICA, SECTION A, FOUNDATIONS OF  
CRYSTALLOGRAPHY**

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In the triennium 1999-2001, Section A has published 18 bimonthly issues and a special issue dedicated to Professor Alec Moodie, which appeared in March 1999. The total number of pages was 2525, corresponding to 245 Research Papers, including 18 papers in the special issue, and 20 Short Communications. There was a decrease in the number of papers published in the year 2000, but this number picked up again in the year 2001. Many efforts were successfully devoted to reducing the processing and printing time; the average reviewing time was thus reduced from more than four months down to 2.8 months only. A good number of authors are already sending their manuscripts electronically and systematic use of electronic submission would help to reduce the reviewing time even further. A highlight of the year 1999 was the Special Issue dedicated to Professor Alec Moodie on the occasion of his 75th birthday. Its guest editors were J. C. H. Spence and J. Etheridge. This and the special issue dedicated to 'Crystallography across the Sciences' in 1998 have been very successful and more such special issues would be very welcome, in particular a second special issue devoted to 'Crystallography across the Sciences'. Several Lead Articles are also in preparation.

**Keywords: JOURNALS**

**CURRENT ACTA C EMPHASIS**

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Over the last three years the emphasis for Acta C submissions has been that the Comment section should provide significant added value to the numerical data freely available via the archived CIF. The data-validation suite of programs which is used by authors to pre-check their submissions has been revised and updated as the need arose and as required by changes in the Notes for Authors. Explanatory notes to the pre-check output have been introduced and these give concise details of problems that have been detected. Starting with the January 2002 issue, papers have been posted on the web on a regular basis. These papers receive an online publication date when they appear on the web site. At the end of a month, the online papers are collected and published as the next month's issue of Section C. These changes, coupled with a faster turn around at the typesetters, have reduced publication times considerably. As noted previously the changes to Section C in this present triennium continue to provide a faster, more efficient publication mode for delivering structural information, and ensure a consistently high standard of publication through explicit acceptance criteria. Details of the changes implemented in the past triennium will be discussed along with possible future initiatives.

**Keywords: DATA VALIDATION PRE CHECK SUBMISSION  
ONLINE PUBLICATION**