Information for Authors, 1995

Refereeing policy

Chemical Communications publishes preliminary accounts of original and significant research that will appeal to a wide general readership or be of great interest to the specialist. Each communication should be followed by a full paper, although acceptance in the journal does not guarantee subsequent publication with the Society.

No work submitted to *Chemical Communications* should simultaneously be submitted to any other journal and authors should include a brief statement justifying why their paper should be published in *Chemical Communications*.

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Short articles that are detailed enough should be submitted as a complete account to the appropriate RSC journal. Communications on analytical chemistry may be submitted to *Analytical Proceedings*. Communications from Russia and other states of the former Soviet Union may be submitted to *Mendeleev Communications*.

Administration

The Editorial Office will acknowledge receipt, but authors should contact the editorial secretary if they have not heard from us after a reasonable time. **All authors submitting work for publication are required to sign an exclusive copyright licence.** All submissions should be accompanied by a completed form (a blank for copying is reproduced at the end of these instructions) without which publication cannot proceed.

Communications will be refereed as quickly as possible and a decision will be sent to the author when we receive two concurring opinions.

It is helpful if authors provide, in addition to their full contact address, telephone and fax numbers and, if possible, an E-mail address. They should state explicitly if fax and/or E-mail should be used to send referees' comments.

Proofs will be sent to the person submitting the article or to a person designated by them. Fifty reprints are provided free.

Communications

General—Communications should be brief and **not exceed two pages** in the printed form including Tables and illustrations—a maximum of 1500 words for a purely textual communication.

Lengthy introductions and discussion, extensive data, and excessive experimental details and conjecture should not be included. Figures and Tables will only be published if they are essential to understanding the paper.

Supplementary data for the referees' information only are particularly welcomed, however.

Copy—**Four** copies on paper should be provided, at least one copy typed with double line spacing, on one side of the paper only with wide margins. The title page must include the following:

- A succinct title indicating the content and serving as points of entry for information retrieval purposes, with nouns and adjectives only capitalised.
- The authors' names, with one forename for each, with an asterisk indicating the author for correspondence.
- The establishment(s) at which the work was carried out and each author's affiliation.
- A one-sentence summary stating the main finding(s), in the form: 'Sodium reacts with water' not 'The reaction of sodium with water has been studied'.
- A graphical abstract, see any recent issue for examples and format.

Graphical abstract—**All** communications should include a graphical abstract, maximum size 40 x 95 mm. Examples of style and format may be found in any recent issue.

Bibliography and footnotes—References are cited in the text using superior numbers and typed in numerical sequence on a separate sheet in the following style: A. N. Author, *J. Chem. Soc., Chem. Commun.*, 1995, 1. Non-bibliographic footnotes should be typed separately with the following characters: † ‡ § ¶ ‖ ** †† *etc.*

Illustrations—Structure reference numbers must be cited in numerical order in displayed formulae. Captions to Schemes and Figures should be typed on a separate sheet.

Original line drawings and/or photographs with suitable line thicknesses for reduction to a width of 6 cm should be provided with lettering in light pencil. A reproduction of any structures produced using chemical drawing software should also be provided.

The Editorial Office welcomes the submission of ChemDraw version 3 illustrations on disk provided these are in the correct format (the program contains an RSC stationery pad). A 3.5" Macintosh disk containing the appropriate preference files and column guides can be requested from the Manager, Journals, at the Society's Cambridge office.

Submission on disk

We can now use text and diagrams provided on disk to avoid duplication of effort and reduce typographical errors. To help us use your text and diagrams please note the following.

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Data—**Please do not integrate text and graphics**. MS-Word, Word for Windows, Wordperfect and Wordstar text files are accepted. Use ChemDraw only for structures. Please include tables at the end of the text file and use either table-edit functions or tabs. Text should be typed with double line spacing, single character spacing, left justified with no hyphenation, paragraph unindented and separated by a single return.

We may have to re-key parts of some communications despite their having been provided on disk. Proofs should still be checked carefully.

Nomenclature
IUPAC nomenclature and symbolism is followed.

Selected IUPAC nomenclature publications.

- *Nomenclature of Organic Chemistry, Sections A–F and H*, 1979 edn., Pergamon, Oxford; the 'Blue Book'.
- *A Guide to IUPAC Nomenclature of Organic Compounds*, Blackwell, Oxford, 1993.
- *Nomenclature of Inorganic Chemistry*, Blackwell, Oxford, 3rd edn., 1990; the 'Red Book'.
- *Quantities, Units and Symbols in Physical Chemistry*, Blackwell, Oxford, 2nd edn., 1993; the 'Green Book'.
- *Compendium of Macromolecular Nomenclature*, Blackwell, Oxford, 1991; the 'Purple Book'.
- *Biochemical Nomenclature and Related Documents*, Portland, London, 1992.
- *Compendium of Chemical Terminology: IUPAC Recommendations*, Blackwell, Oxford, 1987; the 'Gold Book'.

For further advice contact the Editorial Office, preferably *via* letter, fax or E-mail.

Molecular-modelling guidelines
Molecular-modelling studies will be refereed to the same standard as other communications; authors should consult the Instructions for Authors in Issue No. 1 of *J. Chem. Soc., Perkin Trans.* for further submission requirements.

Crystallographic studies
Results of structure determinations using X-ray techniques will be published only if the data are essential to the arguments in the communication, and the data are fully refined.

The summary (and the title) of such articles should make reference to the reporting of a crystallographic analysis.

Authors should provide hard copies of concise and legible supplementary information for each compound analysed.

- Completed abstract form, which may be photocopied from *Chemical Communications*, Issue No. 1 or obtained from the editorial secretary.
- Atomic coordinates.
- Bond lengths and angles.
- Thermal parameters (U_{ij} in Å^2 or defined by a given formula).
- Observed and calculated structure factors.
- Full experimental details.

On publication, appropriate data will be deposited at the Cambridge Crystallographic Data Centre, 12 Union Road, Cambridge, UK CB2 1EZ. Data for compounds not containing *organic* carbon will be deposited at the Fachinformationszentrum Karlsrühe, z.H. Dr P. Luksch, D-76344 Eggenstein-Leopoldshafen 2, Germany. Requests for data to these addresses should be accompanied by the full literature citation.

Fully refined data published in communication form may fulfil an archival role and, therefore, may obviate the need for further detailed refereeing if the full paper is submitted to one of the Society's journals. If the data are discussed in detail they will be refereed again.

On acceptance, the author may supply the X-ray data (text only in ASCII format) for deposition. Data may also be E-mailed to DEPOSIT@UK.AC.CAM.CRYST (JANET).

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- Full contact address, telephone and fax numbers and an E-mail address if available.
- **Four** copies of the communication double line spaced with wide margins, including the information described above.
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- **Three** copies of a note giving the reasons why the work should be published in *Chemical Communications*.
- Supplementary information for the referees if appropriate, *e.g.* X-ray diffraction data (**two** copies only), spectroscopic data not included in the communication.
- Identifying data for any microorganisms described.

Common acronyms can be found in the 'Green Book', pp. 126–132 and the 'Red Book', pp. 277–279. In addition the following need not be defined:

AIBN	azoisobutyronitrile
ATP	adenosine 5′-triphosphate (and related compounds)
BED	bis(ethylenedithio)
binap	2,2′-bis(diphenylphosphino)-1,1′-binaphthyl
Bn	benzyl
Boc	*tert*-butoxycarbonyl
Bz	benzoyl
cod	cycloocta-1,5-diene
cot	cycloocta-1,3,5,7-tetraene
Cp	use C_5H_5 for the cyclopentadienyl ligand
DBU	1,8-diazabicyclo[5.4.0]undec-7-ene
DCC	1,3-dicyclohexylcarbodiimide
DIBAL-H	diisobutylaluminium hydride
DMAP	4-dimethylaminopyridine
DME	dimethoxyethane
DMF	*N,N*′-dimethylformamide
DMS	use Me_2S
DMSO	use Me_2SO
DNA	deoxyribonucleic acid
GABA	γ-aminobutyric acid
HMPA	hexamethylphosphoramide
LAH	lithium tetrahydroaluminate
LDA	lithium diisopropylamide
MCPBA	*m*-chloroperbenzoic acid
Mes	mesityl, 1,3,5-trimethylbenzyl
NAD	nicotinamide adenine dinucleotide
RNA	ribonucleic acid
TCNQ	tetracyanoquinodimethane
TEA	triethanolamine
TFA	trifluoroacetic acid
THF	tetrahydrofuran
TMS	use $SiMe_4$ for trimethylsilane
TMS	use $SiMe_3$ for trimethylsilyl
tris	tris(hydroxymethyl)aminomethane
TTF	tetrathiafulvalene
Z	benzyloxycarboyl

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Compound Name
Diagram *(conventional chemical structural diagram)*
Formula *(each residue to be formulated ,eg.* $C_2H_3O_2^-$, Na^+, $2H_2O$*)*

a(Å) *with estimated error*		*b*(Å) *with estimated error*		*c*(Å) *with estimated error*	
alpha(deg.)*with estimated error*		beta(deg.) *with estimated error*		gamma(deg.) *with estimated error*	
Space Group	Z	R-factor(s) R wR	Temp(K)	Radiation ☐ X ☐ N	Powder Data Yes ☐ No ☐
Intensity Measurement ☐ densit. ☐ diffr. ☐ other(*specify*)			Volume(Å^3)	Mol. Weight	Mp(°C)
Absolute Configuration Determined ☐ Yes ☐ No		Colour CAS RN		Dm (g cm^{-3}) Dx (g cm^{-3})	
Polymorph Indicator *(eg. low-temp. form)*					
Drug *(indicate, where appropriate, type of drug, activity, etc.)*					
Disorder *(specify nature of disorder with reference to atom labels in coordinate list)*					