Editorial

This fourth issue of the *International Journal of Electrical Engineering Education* sees the pattern of articles becoming more firmly established.

The range of articles is now quite wide. This issue includes a survey of CERN, the international research centre at Geneva, Switzerland. The Colleges of Advanced Technology in Britain are considered by Dr G. N. Patchett of the Bradford College of Advanced Technology. Dr R. E. Steven of Southampton looks at the undergraduate syllabus for electrical engineers in Britain. The Editor attended a Summer School on Effective Teaching for University Teachers of Engineering in Manchester during September 1963. This was the first such School to be held in Britain, and possibly the first in Europe. A full account appears in this issue. While the first section of the article applies with equal validity to all educationalists, later sections are particularly applicable to the engineering staff of universities.

The technical articles reflect the international flavour of the *Journal*, with contributions from the Electrotechnical Laboratory of Japan; the Royal College of Nairobi, Kenya; the Caulfield Technical College, Melbourne, Australia; the University of the Witwatersrand, Johannesburg; and a couple of items from the United States.

Parts I and II of the series by N. G. Hingorani *A Suggested Course on h.v.d.c. Transmission at Undergraduate and Postgraduate Level* appeared in issues 2 and 3 respectively. The series will be resumed in Vol. 2, No. 1, and concluded in Vol. 2, No. 2. A series of articles on Dielectric Measurements based on a postgraduate lecture course at the Manchester College of Science and Technology began in issue 1 with four contributions. This was continued with a further two articles in issue 2 and one in issue 3. The final contribution to the series is held over until Vol. 2, No. 1.

This Editorial is being written a few days after the first meeting of the European members of the Editorial Advisory Panel. We were very pleased to welcome Rudolf Uhrig who had made a special trip from Heidelberg. Dr C. G. Aurell was prevented from travelling from Sweden due to a previous engagement. The meeting was held at the Manchester College of Science and Technology with Sir Willis Jackson in the Chair. While the results of the deliberations should become apparent in subsequent issues of the *Journal*, readers might like to have some account of the meeting. The aims of the *Journal* were set out very fully in the first issue (The *Bulletin* and the *International Journal of Electrical Engineering Education* by M. G. Hartley, Vol. 1, No. 1, June 1963). These aims were fully endorsed by the meeting. It was felt, however, that certain aspects of the coverage of the *Journal* might be strengthened with profit. For example, the interests of the technical colleges must not be overlooked. This is a very real danger. To this end Mr. A. Normington of the Bolton Technical College has been appointed to the Editorial Board to represent their needs. Steps will be taken to increase the number of articles of special interest to the staff of technical colleges. The meeting felt that contributions which compare and contrast the characteristic features of systems of technical education in different parts of the world would be of value. It was considered that the British position so far as transition from specialist school studies to equally specialist work in the universities merited treatment. It was hoped that the *Journal* might provide a link between school and university through articles of interest to science staff, especially at the Sixth Form level.
With the *Bulletin of Electrical Engineering Education* reports of laboratory experiments constituted a major feature. The aim is to maintain this characteristic feature. However, plans are being prepared with a view to an extension of this activity. These plans will be announced in an early issue.

Looking further ahead, tentative plans were discussed for a project designed to encourage young people to become infected with enthusiasm for electrical engineering. At present the 'image' of engineering of any branch is all too diffuse at the school level. While vigorous attempts are made in some quarters, by the provision of lectures to schools for example, teachers and pupils in most schools have little notion of the challenge presented by a degree course and career in electrical engineering. To help redress the balance the production of educational films for the school audience, under the sponsorship of the *Journal*, is under active consideration.

A journal such as ours depends to a considerable extent on its subscribers to determine its character. The Editors are always anxious to receive manuscripts with a view to their publication. Contributions which relate to newly emergent aspects of electrical engineering will be particularly welcome. The Correspondence Section of the *Journal* offers space for shorter items and *Letters to the Editor*. A short article, *Notes for Contributors*, follows this Editorial.

Issue 4 ends Volume 1 of the *Journal*. The Editors trust that, with the help of the Editorial Advisory Panel and others, Volume 2 will fulfil some of the promise of Volume 1. Our sincere thanks are due to the Council and Administration of the Manchester College of Science and Technology for continued encouragement and financial assistance. We must also thank the publishers, Pergamon Press, for their co-operation. A special word of thanks is due to those who help to maintain the standard of the publication by their work as referees. Many of the referees devote much valuable time to this activity. Of necessity they rarely receive recognition of their services.