

## *Editorial*

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Since 1974, the journal *ElectroComponent Science and Technology* has published papers on various aspects of passive component technology; in particular, capacitors, resistors and interconnection technology.

Of course, this continues to be an active and vigorously growing industry. In the United States alone, the production of both active and passive electronic components grew substantially in 1984, the value of industry shipments increasing 19% from 1983 production. In order to maintain that large and steady growth, research and development must and will continue to be a major force in this industry throughout the world. The development of VLSI, semiconductor memories, thick-film resistive networks, monolithic capacitors and computer-aided PCB design has resulted in a highly sophisticated integration of both active and passive devices in many consumer and industrial electronic products.

It has recently become apparent that the journal should become broader in its interests and should begin publication of papers concerned with active electronic components. It is with a great deal of pleasure therefore that we present this issue (12/1) which reflects the expanded coverage of this international journal devoted now to the science and technology of *all* types of electronic components. In addition, Dr. Joseph A. Castellano, an electronics consultant with a wide experience of both active and passive devices, has assumed the role of Editor-in-Chief. Professor David S. Campbell continues to work in the area in which he has concentrated his efforts since the inception of the journal. The editorial board has been revised, with the addition of highly respected researchers from all over the world. To all those editors who have assisted us so capably over the past years we send our sincere thanks.

The journal will publish experimental and theoretical papers on such topics as electron tubes, transistors, integrated circuits, semiconductor materials, thick-film materials, resistors, capacitors, solid-state memories, and thin-film materials/-processes. All papers will be carefully refereed to ensure the highest standards. There will be no limitation by length on papers to be considered for publication; the only criteria will be originality, quality and interest. While the journal will publish primarily original work, appropriate review papers will appear from time to time. A "Communications Section" for short papers and a "Letters to the Editor" section will appear in subsequent issues. A "Conference Diary" will continue to appear, but will be reorganized and expanded to reflect the broader range of the journal.

There will be no publication page charges for either authors or institutions. Whenever the use of color is an integral part of the research, or where work is generated in color, the journal will publish the color illustrations free of charge.

To all our readers, we hope these changes meet with your approval and we look forward to new readers joining us due to this expansion of coverage. It is our fervent desire to provide the scientific community with reports of high quality research and development. We welcome your comments and suggestions.

Joseph A. Castellano  
David S. Campbell

