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This Special Issue gives recognition to the multidisciplinary field of Teletraffic Science; a field embracing Applied Mathematics, Engineering and Computer Science. Essentially it is concerned with traffic problems in a variety of communications networks. It is a field attracting an increasing number of Australian and Overseas researchers. The mathematical challenges arising from the rapidly changing communications technology will provide an endless supply of relevant and absorbing Applied problems.

The papers in this Issue (and some others in the next) indicate part of the rich variety of applicable mathematics in Teletraffic Science.

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