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Canadian Transportation Research **Forum**

Le Groupe de Recherches sur les **Transports** au Canada

GOING THE DISTANCE Franchir le fil d'arrivée

> **PROCEEDINGS** of the 29th **Annual Meeting**

ACTES de la 29ième Conférence annuelle

Victoria B. C. / C.-B. May 15-18, 15 au 18 mai, 1994

JERRY FRUIN

CANADIAN TRANSPORTATION RESEARCH FORUM LE GROUPE DE RECHERCHES SUR LES TRANSPORTS AU CANADA

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President's Message Welcome to CTRF's 29th Annual Conference

These Proceedings include the papers presented to CTRF's 29th Annual Conference in Victoria, British Columbia, May 15 to May 18, 1994. In keeping with CTRF's goal of value added benefits to our members, the best papers from our student paper competition are also included. A summary of the plenary and panel discussions will be made available at a later date.

This year's conference organizers, Jonathan Seymour and George Clark have lived up to the conference theme of "Going the Distance". They have left no stone unturned in developing an exciting and valuable conference. On behalf of the CTRF membership I would like to thank Jonathan and George as well as the many other enthusiastic and willing participants that are necessary to make an undertaking of this nature a success.

Bill Raney President

Message du Président Bienvenue à la 29ième Conférence annuelle

Ce livre renferme une copie de tous les textes présentés à la 29ième Conférence annuelle du GRTC tenue á Victoria en Colombie-britannique du 15 au 18 mai 1994. Afin de s'en tenir á l'objectif du GRTC de toujours en donner plus à ses membres, une copie des meilleurs textes de notre concours pour étudiants(es) y a aussi été incorporée. Un sommaire des discussions lors de la séance plénière et des séances avec panel sera disponible à une date ultérieure.

Cette année, Jonathan Seymour et George Clark, qui ont vu à l'organisation de la conférence, ont multiplié les efforts pour "Franchir le fil d'arrivée" et ainsi réaliser le thème de la conférence. Ils ont franchi tous les obstacles et ils nous ont organisé une conférence excitante et informative. Au nom de tous les membres du GRTC, je tiens à remercier Jonathan et George ainsi que toutes les personnes enthousiastes qui ont participé et qui ont été nécessaires au succès de cette conférence.

Bill Raney Président

CTRF is ...

a broadly based network of transportation professionals with an interest in research and commentary on public policy issues. Membership is open to anyone interested in any aspect of transportation.

CTRF's objectives are ...

- * to encourage transportation research in those disciplines which address themselves to the economic, managerial, technical, political, and social aspects of transportation.
- * to provide a common meeting ground to exchange ideas and research results.
- * to provide a forum for presenting and discussing transportation issues.
- * to bring together persons involved with Canada's transportation systems.

CTRF's program consists of ...

- * a national conference with research papers, panel discussions, and invited speakers held annually in a different Canadian location.
- * published proceedings of the national conference.
- * a one-day semi-annual conference on a topic of national interest.
- * regional seminars promoted and co-sponsored with other organizations.
- * an annual CTRF student paper competition
- * the CTRF Scholarship Fund
- * a newsletter published five times a year.

Le GRTC est . . .

un groupe de professionnels(les) en transport intéressés(ées) à la recherche et aux questions de politiques publiques. Être membre du GRTC convient à quiconque s'intéresse aux transports.

Les objectifs du GRTC sont ...

- * d'encourager la recherche dans les domaines suivants liés aux transports: économie, gestion, technologie, politique et aspect social.
- * de fournir un lieu de rencontre pour échanger idées et résultats de recherche.
- * de créer un forum pour présenter et discuter de questions de transport.
- * de réunir les personnes intéressées au système canadien de transport.

Au programme du GRTC . . .

- * une conférence nationale annuelle avec site variable au Canada, qui consiste en une présentation de textes, tables rondes, conférenciers invités.
- * la publication des textes présentés à la conférence nationale.
- * une conférence semi-annuelle d'une journée sur un sujet d'intérêt national.
- * la promotion et le parrainage de colloques régionaux avec d'autres organismes.
- * un concours annuel de textes d'étudiants(es)
- * un fonds permettant de décerner des bourses
- * un bulletin de nouvelles publié cinq fois l'an.

CANADIAN TRANSPORTATION RESEARCH FORUM LE GROUPE DE RECHERCHES SUR LES TRANSPORTS AU CANADA

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