

Comprint 85 Conference

The Conference

Comprint '85 is dedicated to various aspects of **Computer aided technologies** from industrial through scientific, managerial and educational applications.

Comprint '85 will be held at the Montreal Convention Centre from **September 9-12, 1985**. Tutorials will be offered on the first day of this international conference and keynote speakers will be invited to address topics of interest. A major exhibition, centred around conference theme, will be held.

Areas of Interest

Comprint '85 will embrace the theory, design and implementation of **Computer aided technologies**. Subject areas include:

- Robotics
- Computer Aided Manufacturing
- Computer Aided Industrial Operations
- Advanced Software for Industrial Systems
- Computer Assisted Education
- Computer Graphics
- Computer Communications
- Man Machine Interfaces
- Computer Aided Decision Making
- Computer Aided Transportation systems

Comprint '85
P.O. Box 577
Desjardins Postal Station
Montréal, Québec, Canada
H5B 1B7

CLA Annual Conference

Alberta Bound!

Information is Power: Yesterday's Prophecy, Today's Reality, Tomorrow's Economy

Whether you are the type who plans yesterday today, or who has everything neatly arranged for next year, be sure to pull out your date books and pencil in the following dates: June 13 - 18, 1985. At this time, the 40th Annual CLA/CSLA Conference will be held in Calgary. Adrienne Elliott of the Calgary Board of Education has chaired a group of capable and eager members of CSLA who have worked hard to put together a Conference program of special interest to teacher-librarians. The

committee has also been conscientious about seeking speakers of excellence who will appeal to other groups in attendance at the conference. There are numerous, exciting sessions.

Just a sample,
Ron Ghitler:
Tolerance and understanding.
Jame H. Marsh,
Editor-in-Chief,
Hurtig Publishers:
The Making of the CANADIAN ENCYCLOPEDIA.
Geoffrey Chapman,
of Australia: Parallels between school library programs in Canada and Australia.

Other programs include experts speaking on the television production for children; the gifted child and the library; integrating school library programs; the reluctant reader; program planning; integrating music and drama through the resource center; co-operative program planning; automated services for school libraries; and one of the most popular sessions at CSLA: a well-planned tour of Calgary schools with a wide choice for your special interest.

And finally: the conference takes place in the center of Calgary with access to many shops, museums and night spots. Plan to pack some casual (Western?) gear. The Social Committee has worked up a super series of events for your entertainment. Please watch for future details or contact the Canadian Library Association.

40th CONFERENCE-CALGARY,
ALBERTA, JUNE 13-18 1985

Society, Technology and Development Conference, India

A conference on "Society, Technology and Development" was held at the University of Rajasthan from Feb. 10-15, 1985. The Shastri Indo-Canadian Institute sent several Canadian scholars to present papers at the conference, including Dr. Glenn Cartwright, McGill University.

Ascrt

The Association for the Study of Canadian Radio and Television sees an awakening recognition on the part of scholars and the public at large of the importance of broadcasting in Canadian cultural life. The Association's activities

encourage this interest. We note with concern at the same time that the programs, documents and artifacts of our broadcasting heritage continue to be at risk because of their fragile nature and because of a lack of understanding of their importance. Moreover, those materials which are safe from harm are not always accessible to students of broadcasting and other would-be users.

Objectives

The aims of the Association, therefore are:

- To ensure that broadcast materials are preserved and accessible, and
- To encourage their reuse and study.

Membership

Broadcasting has been a crucial element of Canadian experience in the 20th century, touching the lives of all Canadians, and drawing upon the skills of many professions. The Association recognizes this, and encourages the active involvement of a wide spectrum of interests. The Association, therefore, brings together a broad range of people concerned with the preservation and study of Canadian broadcasting. These include the creators of programs (writers, announcers, actors, technicians), the preservers of programs, broadcast artifacts and documents (archivists, librarians, museologists, collectors), and those institutions and individuals who wish to reuse or study broadcasting materials (teachers, scholars and broadcasting organizations). All these groups are represented on the Association's rolls.

NOTE: Cheque or money-order payable to:

Association for the Study of Canadian Radio and Television
C/O Centre for Broadcasting Studies
Room N-312, SGW, Concordia University
1455 de Maisonneuve West
Montreal, Quebec
H3G 1M8

Fifth Annual Conference on Teaching and Learning in Higher Education

Sponsored by
The Society for Teaching and Learning in Higher Education and The University of Ottawa
Ottawa, Ontario June 16-19, 1985

We invite you to participate in the Fifth

Annual Conference on Teaching and Learning in Higher Education, June 16-19, 1985. University of Ottawa.

The major goal of this conference on teaching and learning is to provide professors, educational researchers, administrators, and instructional developers with a forum in which to discuss ways and means of improving the quality of teaching and learning in postsecondary education.

This fifth annual conference will continue the tradition of stressing panel and round-table discussions, workshops, poster sessions, seminars, and other types of interactive presentations. Research-based presentations are appropriate only if they have *practical* implications for the improvement of higher education and can be communicated in an interactive, non-lecture format.

Appropriate topics include, but are certainly not limited to, the following:

- Inservice training for teaching assistants.
- Successful curriculum development in higher education.
- Role of the department chairperson.
- Computer-assisted instruction.
- Strategies for teaching problem solving.
- Peer assessment of teaching.
- The changing role of instructional-development services.
- Theory and praxis in teaching and learning.
- Student evaluation of teaching.
- Continuing education: key to survival?
- Teleconferencing: panacea or menace?
- Training for administrative tasks.
- Student characteristics and success in postsecondary education.
- Encouraging independent learning
- Lifelong learning and higher education
- Simulations and games.
- Increasing cost-effectiveness in educational development centres.
- Contact learning.
- Computer literacy.
- Educational development in the health sciences.

Program Highlights

Ian Winchester, OISE, Howard Woodhouse, Western Ontario, "The Dramatical in Education: Teaching as Art Rather than Technique." Panel discussion.

Trien T. Nguyen, U. of Waterloo, "Computer-Assisted Instruction in Undergraduate Microeconomics".

G. Pernuiak, J. Picard, E. Rubin, Athabasca University, "Issues in University Distance Education: An Open Panel Discussion."

R.E. Hartley, Western Ontario, "Toward CAI Programs that Really Work."

Don McIntosh, U. of Guelph, "Interactive Video for Teaching Therapy Skills".

Don Willison, McMaster, "A Critical Review of the Use of Telecommunications in the Continuing Education of Health Care Professionals".

Donald McDonell, V. Sistek, R. Leblanc, U. of Ottawa, "Teaching by Telephone". Panel discussion.

Please return your registration form, along with the conference and accommodation fees, to:

Conference Secretariat
c/o Patrick Babin,
621 King Edward Avenue,
Ottawa, Ontario K1N 6N5 Canada

(613) 231-2350

A Canadian youth and children's channel

As a result of letters of intervention sent by groups and organizations from across the nation, the CRTC has scheduled hearings throughout the country to give all those who wish to speak to the question of a new TV channel devoted to children and youth, an opportunity to do so.

After the National public Hearings are completed, the National Film Board is prepared to present its application for license to CRTC submissions committee. The NFB is proposing a new channel, to be called YOUNG CANADA TELEVISION/TELE-JEUNESSE CANADA, devoted to children and youth (ages 2-24), which would contain programmes that are non-racist, non-sexist, non-violent, with production and programming input from youth and owned and programmed by a newly created nationally representative independent non-profit Foundation.

The Foundation will be much like the Children's Television Workshop - the people who brought you "Sesame Street" - combined with PBS - the American public television network, or an organization in Australia which pro-

grams material for young people. The foundation would have a small staff of acknowledged experts in this field of television and film programming, whose jobs would be to develop and oversee the production of shows for the network.

Presently, interested parties are being invited to participate in the formation of Provincial Advisory Councils to the Young Canada Television Foundation.

For further information please contact your nearest NFB office:

or
Young Canada Television/Tele-Jeunesse Canada
c/o National Film Board of Canada
P.Bo Box 6100, Station "A"
Montreal, Quebec H3C 2H5

Phone: (514) 284-9249
Attn: David Balcon, Project Manager

World Congress on Education and Technology

The World Congress on Education and Technology will be held in Vancouver, Canada from May 22-25, 1986. Planned separately as an initiative of the British Columbia School Trustees Association, the World Congress will serve as a major complement to the activities of EXPO 86, the Vancouver World's Exposition.

Attracting 10,000 participants from around the world to discuss the impact of the new technology on the various education systems, the many cultures, and on global society in general, the World Congress is the first conference of its kind to address the issue of technology in such a broad context. The World Congress on Education and Technology is designed to:

- familiarize participants with international developments and ideas related to education, culture and technology
- judge the impact that technology has, and will have, on the quality of life
- develop a rationale and sense of purpose for the evolution of technology in the classroom
- examine ethical and philosophical issues related to the application of technology
- study projects and innovations regarding the application of computers and communications devices in educational institutions
- test current educational policies and practices against new criteria and stan-

Continued on page 17.

MICROWARE

Continued from page 15.

Crop the image in from screen edge about two to five centimeters, depending on screen size. Arrange the camera and display so that no window or room light is reflected directly into the camera. Sufficient overhead light for working will not usually impair image quality.

Quality of final image depends on several factors with display type and quality foremost. If you have a choice, a color monitor will always give better results than a color receiver, since rf modulation and demodulation reduces resolution of the screen image. It goes without saying that one should always select the most expensive and well maintained color monitor available. Monochrome monitors are also suitable for many types of information and are treated in exactly the same manner as a color display.

Selection of a film depends on cost, quality, and processing. Good results have been achieved with Kodak Ektachrome and Kodachrome daylight type film in the ASA 200 range. Some experimentation is

necessary in order to establish a repeatable standard of quality. It is important to keep an accurate record of all film and exposure data so that success can be repeated and poor results eliminated.

Exposure is best set manually as automatic exposure systems can be tricked by amount of information and background color on the screen. A good starting point is an aperture setting of f8 and a shutter speed setting of one second. The scan rate of a television display is 30 frames per second with a totally blank screen between each frame. Thus exposure time must be longer than 1/30th of a second or there is a risk of obtaining a partial frame. The image improves when the shutter remains open long enough to allow several separate frames to be recorded additively. Exposure times of a half second and one second seem to be the best in most situations.

Exposure and color are affected greatly by the settings on the video display. If the display has detents (click-stops) on the color shading, tint, contrast, and brightness controls this provides a good starting point. If such is not the case select an average setting that looks good on the screen as the

beginning point. A 20 frame roll of film should be exposed using two or three different graphics. Aperture and shutter speed should be bracketed. This can be accomplished by starting with a shutter speed setting of one second and an aperture setting of f8. Make one exposure at that setting and then, keeping shutter speed constant, shoot exposures at f4.5, f5.6, and f11. Then, with the same graphic, repeat the exposures with shutter speed held constant at a half second. Repeat this process with a different graphic and/or a variation of settings on the display. Make sure a test of light colored vs dark colored background is carried out. If careful details are recorded of the set-up, film, exposure, and display settings it will be possible, when the slides are developed and analyzed, to determine a standardized procedure which will ensure success during future sessions.

Don't hesitate to attempt to make your own color computer generated slides, as they have the potential to revolutionize the manner in which you communicate educationally. □

MEDIA NEWS

Continued from page 5.

dards introduced as a result of the new technologies

• improve the quality of education provided in respective jurisdictions
Seven themes will take advantage of the breadth of experience brought to the Congress by the international participants and speakers. These seven themes are:

Teaching & Learning

Theories of learning, new designs for curriculum, teaching about and teaching with computers will be discussed as this theme focuses on the interaction between the new technology and the classroom.

Management & Technology

The challenge inherent in managing new technologies affects everyone in the educational community. Administrative applications — financial reporting, scheduling, communications, data banks, office functions — will undoubtedly be explored by congress participants.

Employment & Training

Technology is creating new opportunities for employment and career preparation. An indepth look at these opportunities in the context of the changing workplace will be offered.

The Future Society

Congress participants are promised a crystal ball into the future, looking at how technology will affect our work, our play, culture, the environment and how we will get along with each other.

Innovations & Applications

Hardware and software take center stage in a world-class exhibit and a variety of learning sessions designed to demonstrate innovations in technology and unique applications to education.

Special Needs & Interests

We will look at unique applications to serve the specialized needs of individuals, including the education of the physically and mentally handicapped and the use of technology as a means of bringing people together.

Policy & Planning

The effects of technology on human values and goals; questions of privacy, control and ethics in an information society . . . these are all part of a multi-faceted dialogue aimed at "rounding out" the issues of education and technology.

By dividing the World Congress into themes, the face-to-face nature of a smaller conference will be combined with the advantages of diversity that characterize a larger gathering.

As part of the "Innovations and Ap-

plications" theme, the Congress will feature a world class exhibit of high technology equipment and services relating to education and culture from around the world.

Early, discounted registration is scheduled for the fall of 1984, with complete program information available in September 1985.

Questions concerning the World Congress on Education and Technology may be directed to the Congress Coordinator, British Columbia School Trustees Association, 1155 West 8th Avenue, British Columbia, Canada V6H 1C5. Telephone: (604) 734-2721.

Film Showcase April 15-19, 1985

Objectives

Since the first FILM SHOWCASE in 1970, this event has been Canada's major marketplace for 16mm non-theatrical films. It provides a unique opportunity for 16mm film producers/distributors to exhibit their newest films and video product for library personnel, educators, film society representatives, government officials and business people, all of whom have financial leverage in recommending purchase, lease and/or rental of 16mm film and video product. *Film Showcase* is not a forum for film workshops or screen education seminars.

Location

FILM SHOWCASE will be held at the YMCA Conference Centre, Geneva Park, on Lake Couchiching, near Orillia, Ontario.

Program Format

Each day, twenty nine distribution companies will be operating 29 screening areas simultaneously. This year all twenty-nine distributors will be attending for the full week (Monday-Friday).

Further Information

If further information is needed, or if you have any special requirements, please contact:

Jean Harding, Co-ordinator
FILM SHOWCASE 1985
22 Bardwell Crescent
Scarborough, Ontario M1R 1C9

(416) 979-5097 or (416) 757-9517 □

MEDIA PERIODICALS

Continued from page 12.

MEDIA & METHODS, 21:3, November 1984

- McKenzie, Jamieson A. "The future isn't what it used to be: Videotex in on the way"
Hunter, C. Bruce and Allen L. Wold. "Basic guide to the complete educational computer"

MEDIA IN EDUCATION AND DEVELOPMENT, 17:3, September 1984

- McCormick, Bob. "Prospects and problems for China's TVUs"
Hosie, Peter and Tony Dean. "TV for isolated students in Western Australia"
Hewitt, Clive and Jack Cairns. "Catching up with technology-distance training for industry"
Rodwell, Susie. "A world communications crisis?"
Hart, Andrew. "Not just a bit of an extra"
Higgins, John. "The computer and text"

PROGRAMMED LEARNING & EDUCATIONAL TECHNOLOGY, 21:2, May 1984

- Milne, J. A. and J.S.A. Anderson. "The microelectronics education programme-dissemination and diffusion of microelectronics technology in education"
Lloyd, G. "A model for the development by industry and commerce of multi-media resource packs for use in education"

PROGRAMMED LEARNING & EDUCATIONAL TECHNOLOGY, 21:3, August 1984.

- Oxley, Alan. "Computer-assisted learning (CAL) of structural analysis"
Wyer, Jo-Anne. "New bird on the branch: artificial intelligence and computer-assisted instruction"
Thompson, Vincent. "Information technology in education and training: the CET view"

- Oliver, Elizabeth. "The development of a computer database for education"
Emms, Stephen J. "The M & C's skillcentre CBT project"
Vinegrad, M.D. "Learning by example: a CBT approach"
Morrison, R.K. "Computer-based learning-the way ahead"
Telem, Moshe. "Computer crimes in schools"
Dunn, Seamus and Valerie Morgan. "Aims and interest groups in educational computing" □

MEDIOGRAPHY

Continued from page 13.

WHAT DO YOU MEAN, WHAT DO I MEAN (CASE STUDIES IN COMMUNICATIONS) Motion Picture SAL/MARLIN 1976 18 min., sd., col.

The focus here is the way we see ourselves and the way we see others.

WITHOUT WORDS: AN INTRODUCTION TO NON-VERBAL COMMUNICATION Motion Picture PH/Marlin 1977 23 min., sd., col.

The effects and interaction of non-verbal barriers on communication are presented here.

YOU'RE NOT COMMUNICATING Motion Picture CF 1980 20 min., sd., col.

The focus of this program is that communication is a two way process and an understanding of the process improves communication. □

Film Board of Canada national du film du Canada

250

Films, Videocassettes and Multi-Media Productions for Health Care Professionals and Educators



Our Bodies, Our Minds, a new 50-page catalogue published by the National Film Board of Canada, contains detailed descriptions of over 250 audiovisual productions for public health education and in-service training programs.

- 40 subject headings, including:**
- Aging
 - Addictions
 - Parenting
 - D.E.S.
 - Child Abuse
 - Death and Dying
 - The Disabled
 - Fitness and Nutrition
 - Mental Health
 - First Aid and Safety
 - Violence Against Women
 - Films for Kids
 - Occupational Health

All NFB films may be **borrowed** free of charge in 16 mm, and **purchased** in either 16 mm or videocassette formats. Some titles are also available for video rental.

Our Bodies, Our Minds is an indispensable resource for:

- Community Health Educators
- Hospital Personnel
- Nursing and Medical Schools
- Self-help Groups

To receive your complimentary copy of **Our Bodies, Our Minds**, contact your nearest National Film Board of Canada office or write to:

Health Education Catalogue,
English Marketing,
National Film Board of Canada,
P.O. Box 6100,
Montreal, Quebec
H3C 3H5