



The Institute of Textile Science

Incorporated, Canada 1956

2004 September 30

97th Scientific Session: 'Cutting Edge Technical Textiles'

Date: Wednesday, October 20th, 2004

Location: BodyCote Ortech Inc.
2395 Speakman Drive
Mississauga, Ontario, Canada
L5K 1B3

The Institute of Textile Science will be holding its 97th Technical Session on Wednesday, October 20th, in Mississauga, Ontario, kindly hosted by BodyCote Ortech.

This follows a highly successful April 2004 ITS 96th Scientific Session held in Ottawa on High Performance Textile Applications.

Hope to see you on October 20th.

Yours truly

Shafiul A. Islam; *PhD, CText FTI*
Vice-President

PLEASE ADVISE JERRY BAUERLE IF YOU PLAN TO ATTEND

PHONE - 905 - 822-4111, EXT. 493 FAX - 905 - 823-1446

E-MAIL: bauerle.j@bodycote.ca

The Institute of Textile Science
97th Scientific Session: 'Cutting Edge Technical Textiles'
October 20, 2004

Location: BodyCote Ortech Inc., 2395 Speakman Drive, Mississauga, ON L5K 1B3

8:30 – 9:15 **Registration and Coffee**

9:15 – 9:30 **Welcome, Introductions**

9:30 – 10:30 **“Multi-Functional Protective Textiles”**

Jose A. Gonzalez PhD
Protective Clothing & Equipment Research Facility
University of Alberta, Edmonton, AB

The design and production of multi-functional textiles has created a wave of interest in merging smart and interactive technologies to tailor the combination of many different properties. Textile scientists face challenges to combine successfully critical components into a single textile system with multiple functions. These multi-functional features can be utilized in protective textile and clothing systems to help meet high performance requirements while adding other critical functions. Dr Gonzalez will present current developments in this area, and discuss solutions to technological problems related both to the integration of various functionalities with protective properties in textiles, and to maintenance, life span and recycling issues.

10:30 – 10:45 **Coffee**

10:45 – 11:45 **“Innovative Skills Solutions for Today's Textile Industry”**

John Saliba
Executive Director
Textiles Human Resources Council, Ottawa, ON

The Textile Training Through Technology[®] comprehensive workforce development system provides a full range of comprehensive, computer-based skills development programs designed to meet the needs of today's textile industry. In partnership with leading educational institutions, the Canadian textile industry has developed world-first programs for textile manufacturing skills, business and personal development, and technical skills.

11:45 – 12:15 **AGM**

12:15 – 1:00 **Lunch**

1:00 – 2:00 **“Dare to be Different: Proposed Textile Science Programs at the U of M”**

Lena Horne PhD
Acting Head and Associate Professor
Department of Clothing and Textiles
University of Manitoba, Winnipeg, MB

This new proposed program in Textile Sciences consists of two streams – the product development and textile development. The product development stream responds to the human resources needs of a global textile complex. The textile development stream orients students to the fascinating world of textiles for medical or healthcare end uses. Dr Horne will cover the details of this new program and its benefits for the Canadian textile industry.

2:00 - 2:15 **Closing Remarks - 98th Session Update**

2:15 – 3:15 **Textile Lab Tour : BodyCote Ortech, Host: Jerry Bauerle**

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20 October 2004

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Name: _____

Title: _____

Institution/Company: _____

Address: _____

Phone: _____

Fax: _____

E-Mail: _____

Fee: (includes lunch) Canadian \$50.00 - \$45.00 in advance
 Students and Retirees \$30.00 - \$25.00 in advance

Cheque or money order to: “The Institute of Textile Science”

Remit to: Mrs. Jerry E. Bauerle
 c/o BodyCote Ortech Inc.
 2395 Speakman Drive
 Mississauga, Ontario, Canada, L5K 1B3

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