

# Fundamentals of Adhesion

SHORT  
COURSE

Presented by The Adhesive and Sealant Council and  
The Adhesives and Sealants Manufacturers Association of Canada

JUNE 7-8, 2007 • RENAISSANCE AIRPORT HOTEL • TORONTO, ON

## **Thursday, June 7**

### **Survey of Adhesion Mechanisms and Polymer Parameters**

*Tom Ward*

### **Surface Energy**

*John Dillard*

### **Stresses in Bonded Joints**

*David Dillard*

### **Mechanical Response in Polymers**

*Tom Ward*

### **Surface Characterization/Analysis**

*John Dillard*

### **Fracture in Bonded Joints**

*David Dillard*

## **Friday, June 8**

### **Thermal and Viscoelastic Characteristics of Adhesives**

*Tom Ward*

### **Surface Preparation**

*John Dillard*

### **Testing of Adhesive Joints**

*David Dillard*

### **Accelerated Testing and Durability**

*Tom Ward*

### **Durability Testing and Failure Processes**

*John Dillard*

### **Durability and Design**

*David Dillard*