

# **ORMTA Lecture Series, University of Ottawa**

## **New Technologies and Cognitive Sciences: What Have They to Do with Piano Teaching?**

### **Part 1**

Recent research in the Psychology of Music Performance and in Cognitive Studies provide many valuable findings for music teachers who have to teach the learning of a musical instrument, a very complex activity that involves both motor and cognitive skills. Many recent theories on instrumental music practice and learning will be presented in the hope of providing insights that could influence our teaching strategies.

### **Part 2**

Over the last few decades, new technology has invaded the field of education: video cameras, computer-based instruction and distance education have been seen as tools to enhance learning. But how much of that technology is really relevant to the private music studio? How much of it is applicable to instrumental music? An overview of the ever-increasing popularity of innovations, from computer-controlled player pianos to videotape cameras, from the computer software programs to music lesson at a distance, will be presented simply and clearly. Various projects already taking place in the Piano Pedagogy sector at the University of Ottawa will be introduced and explained.

Although a number of examples will be piano related, the workshop will be of interest to teachers of any instruments. The presentation will be in English.