



**AV MULTIMEDIA DESIGNERS**

**SINCE 1982**

**Lecture Theatres and Smart Classrooms**

[www.novita.ca](http://www.novita.ca)

## AV MULTIMEDIA DESIGNERS

Novita has specialized in designing a wide range of information, communications and presentation systems since 1982.

We are an independent consulting and design office only. We do not sell equipment or represent manufacturers or suppliers.

We understand how clients can use technology to inform, persuade and teach. We believe that technology is a means to an end, not an end in itself.

We design systems and equipment with an integrated approach, bringing together a number of disparate technologies into a single system package. We want the attention of the audience to be directed towards the content of the presentation, not the technology.

Novita's staff have a wide range of qualifications and experience in Audio-Visual Multimedia design. In addition to formal and in-service training, many have worked in other aspects of the industry such as installation, operation, and technical support.

### Our AV Multimedia Services Include:

- Broadcast Systems
- Audio Reinforcement and Effects
- Specialized Lighting and Effects
- Audio Paging and Monitoring
- Video Monitoring
- Large Format Video Display
- Optical Film Projection
- Assistive Listening and Simultaneous Translation Systems
- Teleconferencing and Video Conferencing
- Combined Room Controls
- Control Rooms
- Digital Signage



## UNIVERSITY OF WINDSOR CENTRE FOR ENGINEERING INNOVATION

Location: Windsor, Ontario

Project Owner: University of Windsor

Date Completed: Current Project

Construction Budget: \$80 million

AV Systems Budget: \$1.2 million

Architect: B+H Architects

AV Consultants: Novita



This new facility will house the Faculty of Engineering academic offices, instructional and research labs, classrooms and student study and activity spaces.

A variety of teaching styles and lesson content will be accommodated in the lecture halls and classrooms: “standard” lectures, “show and tell” demonstrations, front of room multi-media presentations, brainstorming and interaction, break-out groups with teaching assistants, and future web casting and/or distance learning. AV Multimedia systems are being designed to support all of these uses in the rooms.

The lecture theatres will have clusters of AV technology that will allow students to work collaboratively in smaller groups, then present their work to the entire class on screens at the front.

The building is being designed for LEED Gold certification.

## PERIMETER INSTITUTE

**Location:** Waterloo, Ontario

**Project Owner:** Perimeter Institute for Theoretical Physics

**Date Completed:** 2002 – Original building; Addition – current project

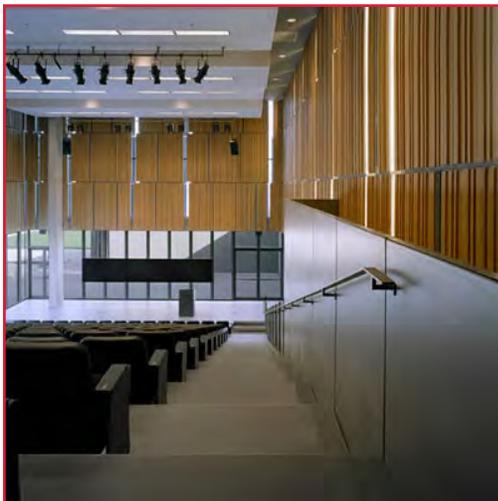
**Project Cost:** \$8.9 million (original building)

**Architects:** Saucier + Perrotte Architectes (original); Teeple Architects (addition)

**AV Consultants:** Novita



Image credit: Wikimedia Commons



The Perimeter Institute is a private, not-for-profit theoretical physics research and outreach institute.

Novita designed AV systems for the original building, and is currently designing systems for the addition.

AV systems include a multimedia broadcast facility, fixed and mobile recording functionality to support the capture of lectures and presentations, HD infrastructure, camera and processing equipment, background music and live entertainment capabilities, room combining/dividing, and interactive panels for “interaction areas.”

An interesting component to this project is the 200-seat auditorium, which accommodates lectures and live music performances. Acoustic music requires a room designed with reverberation, which is not an optimal quality for the spoken word.

To aid speech intelligibility, speakers are concealed in the back of every other seat. The signal from the lecturer’s wireless microphone to every successive row is time delayed, to give the impression that all of the sound is travelling from the front of the room. The result is a very natural effect, and audience members are unaware that there is any artificial amplification at all.

Improvements underway in the auditorium include the addition of a motorized drape, to allow the room to be appropriately sized for smaller audiences.

## MCMASTER UNIVERSITY HEALTH SCIENCES

Location: Hamilton, Ontario  
Project Owner: McMaster University  
Date Completed: 2005  
Project Cost: \$1.8 million  
Architect: NORR Limited  
AV Multimedia Consultants: Novita



Image credit: NORR Limited



Novita designed audio visual systems for various lecture halls, classrooms, tutorial rooms, meeting rooms, and a 3-D video projection theatre. All rooms have video projection, audio program playback, network control and a user-friendly menu driven touch panel for control of all room functions.



## CLIENT LIST

### Conference and Convention Facilities

Casino Rama, Rama  
St. Clair Centre for the Arts, Windsor  
Design Exchange, Toronto  
Hummingbird (now Sony) Centre, Toronto  
London Convention Centre, London Ontario  
Metro Toronto Convention Centre  
Niagara Convention and Civic Centre, Niagara Falls  
Niagara Fallsview Casino, Niagara Falls  
TCU Place (Centennial Auditorium & Convention Centre), Saskatoon, Saskatchewan  
Tianjin Customs House, Tianjin, China  
UJA Federation, Toronto  
Vaughan Jewish Community Campus, Thornhill  
Westin Harbour Castle, Toronto

### Council Chambers and Court Rooms

Assessment Review Board, Toronto  
City of Brampton  
City of Elliot Lake  
City of Mississauga  
City of North Bay  
City of Sarnia  
City of Sudbury  
City of Temiskaming Shores  
City of Welland  
County of Frontenac, Kingston  
District of Muskoka, Bracebridge  
Region of Niagara, St. Catharines  
Regional Municipality of Peel  
Regional Municipality of Waterloo, Kitchener  
Territory of Nunavut, Iqaluit  
Town of Fort Erie  
Town of Huntsville  
Town of Innisfil  
Town of Milton  
Town of Oakville  
Town of Richmond Hill  
Town of Springwater

### Corporate Board Rooms and Meeting Rooms

Alliance Communications, Toronto  
Angus Glen Golf Course, Markham  
Bilfinger Berger BOT, Toronto  
Bluewater District School Board, Chesley  
Borden Ladner Gervais, Toronto  
CIBC Mellon, Toronto  
City of Toronto  
City of Barrie  
Deloitte LLP, Toronto  
Gluskin Scheff & Associates, Toronto  
Imperial Oil Limited, Toronto  
Intelligent Creatures, Toronto  
John Howard Society, Toronto  
Magna International, Aurora  
McCarthy Tetrault, Toronto  
Metro Toronto Reference Library  
Ministry of Economic Development and Trade, Toronto  
MMM Group, Markham  
National Research Council, Integrated Technologies Manufacturing Institute, London  
Noranda Minerals, Toronto  
Ontario Arts Council, Toronto  
Ontario Teachers Pension Plan, Toronto  
Osler Hoskin & Harcourt, Toronto  
Owl Communications, Toronto  
Research In Motion, Waterloo  
SAS Institute, Toronto  
SITEL Corporation, Toronto  
TESMA International, Concord  
Torys Law Office, Toronto  
TransGlobe Management Services, Toronto  
Wabi Development Corporation, Tamiskaming  
Woodbridge Corporation, Toronto

### Emergency Command Centres

Emergency Management Ontario, Toronto  
Ontario Provincial Police, Orillia  
Peel Region Paramedic Reporting Station, Mississauga

## CLIENT LIST

### Lecture Theatres, Smart Classrooms, and Multipurpose Rooms

Appleby College, Oakville  
Bishop Strachan School, Toronto  
Centre for Animation and Emerging Technologies,  
Sheridan College, Oakville  
Concordia University, Montreal, Quebec  
Horton District High School, Halifax, Nova Scotia  
Humber College, Toronto  
Lambton/Kent Board of Education, Sarnia and  
Chatham  
Nipissing University, North Bay  
Ontario College of Art and Design, Toronto  
Perimeter Institute, Waterloo  
Ryerson University, Toronto  
Seneca College, Toronto  
St. Mildred's Lightbourn School, Oakville  
Trent University, Peterborough  
University of Toronto  
University of Toronto – Mississauga  
University of Waterloo  
University of Windsor

### Galleries, Interpretive Centres and Museums

Arts and Entertainment Centre, Milton  
Butterfly Conservatory, Niagara Falls  
Evergreen Brick Works, Toronto  
Gallery Lambton, Sarnia  
Humber College Eco Centre, Toronto  
Marine Heritage Centre, Brighton  
Old Fort William, Thunder Bay  
Science North, Sudbury

### Health Care Facilities

Bloorview McMillan Children's Centre, Toronto  
Health Canada, Toronto  
McMaster Health Sciences, McMaster University,  
Hamilton  
Niagara Health Systems New Hospital, St. Catharines  
One Kid's Place, North Bay  
The Michener Institute, Toronto

### Places of Worship

Carruthers Creek Community Church, Ajax  
Clarendon Hills Christian Church, Chicago, Illinois  
Compass Point Bible Churches, Burlington  
Eglinton / St. George United Church, Toronto  
Grace Anglican Church, Milton  
Grace Church, Milton  
Indonesian Christian Church, Toronto  
Kingsway-Lambton Church, Toronto  
Knox Presbyterian Church, Waterloo  
Assembly Hall of Jehovah's Witnesses, Norval  
Old St. John's Church, Niagara Falls  
Providence Centre Chapel, Scarborough  
Richmond Hill Chinese Community Church  
Salvation Army Citadel, Scarborough  
Scarborough Chinese Baptist Church  
St. Justin Martyr Parish, Unionville  
St. Padre Pio Church, Woodbridge  
St. Thomas the Apostle, Waterdown  
Trinity Anglican Church, Mississauga  
West Park Baptist Church, London

### Government/Agencies

Canadian Embassy, Berlin  
Canadian Embassy, Sao Paulo, Brazil  
Canadian Forces Base, Borden  
Ontario Lottery and Gaming Corporation, various  
locations  
Peace Bridge Authority, Fort Erie, Ontario and Buffalo,  
New York

### Film and Cinema

Importanne Theatre, Zagreb, Croatia  
International Design Group/Famous Players (Theatres  
across Canada )  
Music and Film in Motion, Sudbury

### Retail

Sherway Gardens, Etobicoke

### Private Homes

AV Multimedia systems for private homes of Canadian  
and international corporate leaders.