

Overview:

- A one-day technical course addressing the latest fiber optic technologies, sensors, readout units, and software as well as applications within the geotechnical and structural instrumentation industry. Dr. Daniele Inaudi, Roctest’s Chief Technical Officer, will give the course. Dr. Inaudi has over 20 years of experience with Fiber Optic Monitoring solutions.

Who Should Attend:

- Engineers, Government, Contractors, Owners, Geologists, Installation / Monitoring Consultants, Structural Health Monitoring Consultants, GeoHazard Consultants, etc.

Tuesday, October 22, 2019 – Toronto ON (in English) Thursday, October 24, 2019 – Montreal QC (in French)			
<i>Fiber Optic Systems: Advanced Technical Aspects and Applications</i>			
1.0	Welcome and participant introductions	8:30	8:45
1.1	Fiber Optic Sensors for structural health monitoring and geotechnical investigations	8:45	9:45
1.2	Demonstration of distributed temperature sensing (<i>DiTemp; DiTeST</i>), long-gauge deformation sensors (<i>SOFO; MuST</i>), and point sensors (<i>FOR-1; FODL-16 / 32</i>)	9:45	10:30
COFFEE BREAK		10:30	10:45
1.3	Integrated SHM design, data Analysis – thermal compensation, concrete structures, multiple sensor combinations	10:30	11:30
LUNCH BREAK		11:30	12:30
1.5	Application Examples - <i>SHM of Bridges and Buildings</i>	12:30	1:30
1.6	Application Examples - <i>Geotechnical, Dams, Levees, Tunnels and Sinkholes</i>	1:30	2:15
COFFEE BREAK		2:15	2:30
1.7	Application Example - <i>Pipelines</i>	2:30	3:30
1.8	Questions	3:30	4:00
END		4:00	

**Fiber Optic Monitoring Seminars –
October 22, 2019 – Toronto, ON
October 24, 2019 – Montreal, QC**



Locations:

1. Burlington, ON
2. Longueuil, QC

Cost:

- **\$400.** Covers cost for 1 lunch and coffee breaks, book "*Fiber Optic Methods for Structural Health Monitoring*", USB Key with course material (*price for first person from same company*).

Discounted pricing:

- **ASCE or AEG Members** - \$350 (*for first person from same company*)
- Companies sending **two or more participants** - \$250 for each person after the initial registrant

Hotel Information:

1- Burlington, ON

Holiday Inn Burlington Hotel & Conference Centre

3063 S Service Rd, Burlington, ON L7N 3E9

[\(905\) 639-4443](tel:19056394443)

2- Longueuil, QC

Sandman Hotel Montreal-Longueuil

999 Rue de Sérigny, Longueuil, QC J4K 2T1

[\(450\) 670-3030](tel:14506703030)

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October 22, 2019 – Toronto, ON
October 24, 2019 – Montreal, QC**



Registration: Send form to christine.gage@roctest.com (450-465-1114 ext 1245)

Registration form	
Location: Toronto (in English, Oct 22) <input type="checkbox"/>	Montreal (in French, Oct 24) <input type="checkbox"/>

Number of Attendees: 1 <input type="checkbox"/>	2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/>

Name: -----	
Additional Name(s): -----	
Company Name: -----	
Company Address: -----	
Email: -----	
Additional Email(s): -----	
I am interested in individual meetings: yes <input type="checkbox"/> no <input type="checkbox"/>	

Topics for individual meeting: -----	

Credit Card Number (<input type="checkbox"/> Visa / <input type="checkbox"/> Mastercard):	Exp. Date:

Name on Credit Card: -----	

Date:	Signature:
