

## CGSI 2017

A Conference on GFRP-Reinforced Concrete towards Sustainable Infrastructure

Sponsored by IC-IMPACTS and the University of Toronto

May 2, 2017, Toronto, Canada

<b>Speakers</b>	<b>Affiliation</b>
Aditi Chauhan	PhD Student IIT Roorkee, India
Kaizad Engineer	Director, Technical Ushta Infinity Construction Co. Pvt., Ltd., Baroda, India
Kanwar Johal	Structural Engineer exp Global Inc., Brampton, Ontario
Dr. David Johnson	Project Lead, Civil/Structural Consultec Ltd, Toronto
Zahra Kharal	PhD Candidate University of Toronto, Toronto
Aditya Rajput	PhD Student IIT Roorkee, India
Dr. Umesh Sharma	Professor, Civil Engineering IIT Roorkee, India
Dr. Shamim Sheikh	Professor, Civil Engineering University of Toronto, Toronto
Arsalan Tavassoli	Structural Engineer Arup Canada Inc, Toronto
Dr. Dritan Topuzi	Fiberline Composites Kitchener, Ontario

## CONFERENCE AGENDA

9:00 – 9:30	<b>Light Breakfast &amp; Registration</b>
9:30-9:50	<p><b>Welcome by Professor Sleep</b>, Chair, Department of Civil Engineering  <b>Shamim Sheikh/Zahra Kharal</b>, <i>Introduction to the conference</i></p>
9:50-10:15	<p><b>Zahra Kharal</b></p> <ul style="list-style-type: none"> <li>• Brief Introduction of GFRP-RC</li> <li>• Current GFRP-RC Design Codes – CSA S807-12 and ACI 440</li> </ul>
10:15-10:45	<b>Coffee Break and Networking</b>
<b>Session I</b>	
10:45-11:25	<p><b>James Liu/ Shamim Sheikh</b>  <i>FRP Wrapped Concrete Columns for Seismic Design</i>            Q&amp;A</p>
11:25-12:05	<p><b>Kaizad Engineer and Aditi Chauhan</b>  <i>Characterizing Corrosion Activity along Indian Coast Line and Field Applications of FRP for Life Extension of Reinforced Concrete Structures in India</i>            Q&amp;A</p>
12:05-13:00	<b>Lunch Break</b>
<b>Session II</b>	
13:00-13:40	<p><b>David Johnson and Shamim Sheikh</b>  <i>GFRP Reinforced Concrete Beams under Flexure and Shear</i>            Q&amp;A</p>
13:40-14:20	<p><b>Arsalan Tavassoli and Shamim Sheikh</b>  <i>GFRP as Internal Reinforcement in Concrete Columns</i>            Q&amp;A</p>

14:20-15:00	<b>Kanwar Johal and Shamim Sheikh</b> <i>Creep Rupture Phenomenon in GFRP Stirrups</i> Q&A
15:00-15:30	<b>Refreshments and Networking</b>
<b>Session III</b>	
15:30-16:10	<b>Aditya Rajput and Umesh Sharma</b> <i>Towards the Design of Sustainable Reinforced Concrete Columns in Corrosive &amp; Seismically Active Areas</i> Q&A
16:10-16:50	<b>Dritan Topuzi</b> <i>FRP only Bridges</i> Q&A
16:50-17:00	<b>Close of the day</b> Concluding Remarks