

# ICPIC2018

## International Congress on Polymers in Concrete 2018

*Polymers for Resilient and  
Sustainable Concrete  
Infrastructure*



THE UNIVERSITY of  
NEW MEXICO



**April 29<sup>th</sup> - May 1<sup>st</sup> 2018**

*The WILLARD INTERCONTINENTAL Hotel, WASHINGTON DC, USA*

[icpic2018.unm.edu](http://icpic2018.unm.edu)



# COMMITTIES

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Dr. Girum Urgessa	George Mason University	Conference Convener
Moneeb Genedy	University of New Mexico	Conference Coordinator
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# **CONFERENCE INFORMATION**

## **Topics**

- 01- Sustainable development using polymers in concrete
- 02- Polymer, polymer concrete and polymer composites for resilient concrete structures
- 03- Life cycle assessment of polymer concrete and polymer composites in concrete
- 04- Environmental assessment of polymer concrete and polymer composites in concrete
- 05- Reduce, reuse and recycle of polymer concrete and polymer composites in concrete
- 06- Polymer Concrete Composites
  - a - Polymer Concrete (PC)
  - b - Polymer Cement Concrete (PCC)
  - c - Polymer Modified Concrete (PMC)
  - d - Polymer-Impregnated Concrete (PIC)
- 07- Polymer fibers in concrete (PFiC)
- 08- Polymer aggregates in concrete
- 09- Polymer admixtures and their advanced use in concrete
- 10- Self-healing polymers, polymer concrete and polymer composites in concrete
- 11- Polymer coatings and waterproofing materials
- 12- Polymer adhesives
- 13- Nanotechnology for improved polymer concrete and polymer composites
- 14- Used for Bonding Materials to Concrete
- 15- Fiber-Reinforced Polymer (FRP) reinforcement in concrete structures
- 16- Fiber-Reinforced Polymer (FRP) strengthening of concrete structures
- 17- Repair and Rehabilitation of Structures using polymer products
- 18- Green polymer concrete and polymer composites in concrete
- 19- Recyclable polymer concrete and FRP materials
- 20- Nondestructive evaluation polymer concrete and polymer composites
- 21- Structural health monitoring polymer concrete and polymer composites in concrete structures
- 22- Self-sensing polymer concrete and polymer composites in concrete structures
- 23- Numerical modeling of polymers, polymer composites and polymer concrete
- 24- New applications of polymer concrete and polymer nano composite mortars

## **Important Dates**

Abstracts Deadline	April 1, 2017
Notification of Acceptance of Abstracts	May 1, 2017
Paper Submission for Peer Review	September 1, 2017
Notification of Acceptance of Full Papers	November 30, 2017
Final Camera Ready Paper	December 31, 2017

# Social Program

## Welcome Reception

A networking reception will be organized on the evening of Sunday, April 29, 2018, in order to welcome the participants. The reception will be organized at George Mason University campus.

## Conference Banquet

Conference Banquet is intended to be a cruise dinner on the evening of Monday, April 30, 2018 to enjoy the sunset in the “Potomac River”.

## Conference Banquet

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