



THE UNIVERSITY OF BRITISH COLUMBIA

Department of Civil Engineering

SIERA: Sustainable Infrastructure Research Group

## SIERA Group 2020 Seminar Series – Seminar No. 18

*Wednesday, August 05, 2020 @ 5:30pm PST*

### Internal Curing of Superabsorbent Polymer in Ultra-High-Performance Concrete



#### Dr. Jianhui Liu

*Postdoctoral Fellow*

*Supervisor: Prof. Caijun Shi*

College of Civil Engineering, Hunan University, Changsha, China

Dr. Jianhui Liu received his Ph.D. from Hunan University (HNU), China, specializing in internal curing of ultra-high performance concrete (UHPC) by using superabsorbent polymer and lightweight sand and the shrinkage control of UHPC. After his Ph.D., he is now working as a Postdoctoral Fellow at HNU. He is working on strengthening treatment of recycled aggregate by CO<sub>2</sub> curing, CO<sub>2</sub> curing for industrial waste: such as steel slag products, and internal curing of UHPC.

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Meeting ID: 988 9834 2506

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