



THE UNIVERSITY OF BRITISH COLUMBIA

Department of Civil Engineering

SIERA: Sustainable Infrastructure Research Group

## SIERA Group 2020 Seminar Series – Seminar No. 22

*Wednesday, September 16, 2020 @ 5:30pm PST*

### The Microstructure of CO<sub>2</sub>-Cured Cement Pastes at Different Temperatures



#### Dr. Bao Lu

*Postdoctoral Fellow*

*Supervisor: Prof. Caijun Shi*

College of Civil Engineering

Hunan University, Changsha, China

Dr. Bao Lu received his Ph.D. from Hunan University (HNU), China, specializing in microstructure of CO<sub>2</sub> cured cement paste and its properties by further water curing. After his Ph.D., he is now working in Yancheng Institute of Technology. He is working on CO<sub>2</sub> curing for lower calcium cement and industrial waste.

*The talk will present the study investigating the effect of temperature (5°C - 50°C) on CO<sub>2</sub> curing, compressive strength, and its effects on the microstructure of the cement paste.*

**[CLICK HERE TO JOIN THE ZOOM MEETING](#)**

Meeting ID: 988 9834 2506

Meeting URL: <https://ubc.zoom.us/j/98898342506>

**Join by Telephone:**

**Dial (Canada):** +1 778 907 2071 or +1 438 809 7799 or +1 587 328 1099 or +1 647 374 4685 or +1 647 558 0588

*For higher quality, dial a number based on your current location.*

**[Click here for International numbers](#)**



a place of mind

THE UNIVERSITY OF BRITISH COLUMBIA