



THE UNIVERSITY OF BRITISH COLUMBIA

Department of Civil Engineering

SIERA: Sustainable Infrastructure Research Group

SIERA Group 2020 Seminar Series – Seminar No. 21

Wednesday, September 09, 2020 @ 5:30pm PST

Preparation and Optimization of Embedded Ultrasonic Transducer and its Application Research in Concrete



Dr. Shunquan Zhang

Postdoctoral Fellow

Supervisor: Prof. Yamei Zhang

School of Materials Science and Engineering

Southeast University, Nanjing, China

Dr. Shunquan Zhang is now a postdoctoral fellow in Southeast University, China. He received his Ph.D in Materials Science and Engineering from the same university. He is now focusing on the preparation of embedded piezoelectric ultrasonic transducer and its application in civil engineering. His research interests include online monitoring of setting and hardening process of cementitious materials and damage behavior of concrete and reinforced concrete by using embedded ultrasonic transducers.

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