



Small sensors, Big difference

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Date: December 4, 2025

To: Dr. Zhiwen Zhu
Professor and Chair
Department of Civil and Environmental Engineering
Shantou University
Guangdong, China

Subject: Invitation to Visit Resensys Headquarters for Technical Exchange on SHM Technologies

Dear Professor Zhu,

It is wonderful to hear about your upcoming visit to Washington, D.C., for the 105th TRB Annual Meeting in January 2026. While you are in the United States, I would be delighted to invite you to visit our Resensys office in Beltsville, Maryland, on **January 18 and 19, 2026**. On the afternoon of **January 18**, we will begin with general technical exchanges focused on our structural health monitoring technologies and their applications across a variety of infrastructure systems, including bridges. This will include an overview of Resensys ultra-low-power wireless SenSpot™ sensors for long-term bridge monitoring. Our engineering team will provide live demonstrations, share case studies from ongoing deployment projects in the U.S. and Europe, and explore potential opportunities for collaboration in research and field implementation.

On **January 19**, we plan to continue with in-depth discussions on specialized topics such as wireless communication architectures, ultra-low-power hardware design, long-term durability and reliability of sensing systems, data processing frameworks, and other related technical considerations.

It is mutually understood that you will be responsible for all expenses associated with your visit to the United States, including but not limited to air and ground transportation, accommodations, and any other related costs.

Please feel free to let me know if there is anything we can assist with as you prepare for your trip. We look forward to welcoming you and sharing our work in advanced structural health monitoring.

Sincerely,



Mehdi Kalantari, Ph.D.

Founder & CTO

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