



InnoMaker

Innovative Industrial Solutions Competition

Call for Solutions!

山東神魯水產有限公司

Wireless Sensing System for Pond Water Detection

Join the International Workshop on Wireless Sensing Technologies and Applications 2023 (IWSA 2023) *InnoMaker* competition!

•**Background:** Our company's existing pond water detection system uses a wired detection system, but this system often faces the problem of low monitoring sensitivity. Because the system's key components are prone to moss and maintenance is difficult, it will affect the system's normal operation. To solve these problems, our company hopes to adopt a wireless sensing detection system solution, aiming to provide an efficient pond water monitoring system.

Goal: Propose a solution that demonstrates the design of wireless sensing system capable of detecting pond water level, temperature, and PH value, and transmitting them wirelessly to the terminal in real-time

Solution Submission Deadline: November 16, 2023

Notification of Acceptance: November 21, 2023

Solution Presentation: November 23, 2023

- **Best Solution Selection:** A panel of experts will evaluate the submitted solutions and award prize money to the best solutions from each company. Participating companies will be invited to an awards ceremony where the winning solutions will be announced and awarded.
- **Solution Details:** The submitted solutions should provide a detailed explanation of the proposed method, containing a minimum of 10 pages of content in PDF and the submission presentation in PPT.
- **Contact Information:** For further details, please contact the *InnoMaker* coordinator at InnoMaker@apmtt.org.