

Sachin Nair, Ph.D.

Cofounder & CEO

Hydron Desalination

Presentation topic: Solvent-Based Desalination for Ultra-Saline Brackish and Produced Water Treatment and Reuse

Sachin Nair, Ph.D., is the Co-Founder and CEO of Hydron Desalination, where he leads the development of a solvent-driven, membrane-free desalination technology designed for high-salinity brines that conventional membrane systems cannot treat, including ultra-saline produced water and brackish groundwater concentrate. Hydron is a semifinalist in the XPRIZE Water Scarcity competition (Track B) and is currently working with oil and gas operators and water midstream companies on produced water treatment and reuse applications. Sachin will also be presenting Hydron's work at the ADIPEC 2026 Technical Conference in Abu Dhabi this November.