

# ASPE TechSymposium2021

## Vacuum Plumbing for Safe, Sustainable & Future-Ready Plumbing Design

The COVID pandemic has underlined the critical need for safe, healthy, flexible, and future-proof or future-ready buildings. Plumbing design has always played a significant role in ensuring health, safety, and sustainable design. This session will outline the use of vacuum plumbing systems for enhancing safe and sustainable design that responds to the need for quick, cost-effective, repurposed use of space. Vacuum plumbing offers an affordable method for adding drainage or making change in the plumbing layout with minimal risk or disruption. This session will provide an introduction to vacuum plumbing design, sizing, layout, and operational requirements. It will illustrate the ease of plumbing renovation and remodel and the ways in which vacuum plumbing contributes to future-proofing plumbing design using specific project examples.



**Sher R. Adler**

*Sher Adler is Senior Sales Engineer for AcornVac, Inc. and has 28 years of mechanical/plumbing design experience. She began designing vacuum plumbing systems in 2007 for a national retailer and since that time has been a champion of its use as a cost-effective method to address challenging sites and to provide speed to market with future flexibility. Sher joined AcornVac in 2018. She has three adult children and seven grandchildren. She enjoys nature and fishing in her free time.*



**Tom Zinn**

*Tom Zinn is Director of Engineering for AcornVac Inc. and has more than 40 years of professional engineering experience. He's developed a strong expertise in vacuum plumbing system design, systems controls engineering for water supply, and wastewater processing and treatment. Tom enjoys history, his cabin in the mountains of Southern California, his wife, three sons, six grandchildren and mentoring the engineering community and clients in the practical use of vacuum plumbing systems.*