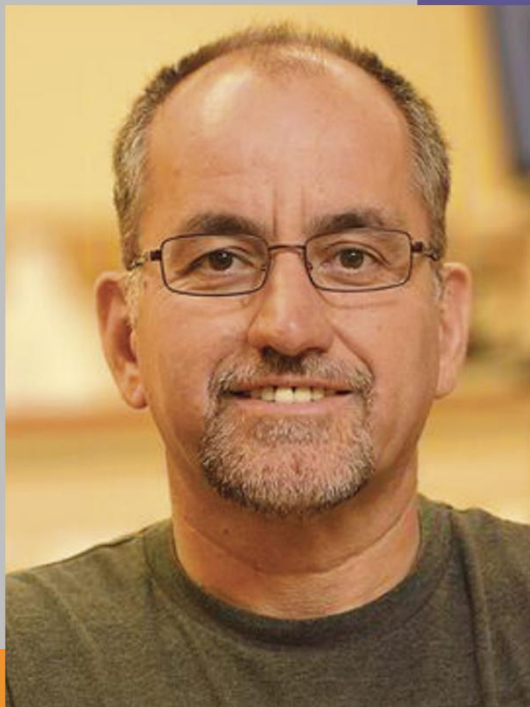


Keynote  
Speaker

**MEEP** 2025

KKL LUCERNE, 2 – 4 July



# HALUK BEYENAL

Associate Dean for Research  
and Graduate Studies;

Professor at Gene and Linda  
Voiland School of Chemical  
Engineering and  
Bioengineering

Scaling up Electrodes with Biofilms  
(M0501)

## TALK TITLE

Scaling up Electrodes with Biofilms

## ABOUT

**Dr. Haluk Beyenal** is widely known for his biofilm engineering expertise in the area of microscale biofilm characterization and electron transfer processes in biofilms. The research in his laboratories has focused on the fundamental understanding of biofilm processes, their characterization, and applications of biofilm processes. He has developed many research tools for understanding biofilm processes at the microscale, including microelectrodes for monitoring local chemistry and electron transfer mechanism inside biofilms. [>Read more](#)