

EHEDG NZ Committee Member Profile.



Name: Wai Woo (Associate Professor)
Company: The University of Auckland
Position: Associate Professor - Food & Process Systems Engineering
Location: Auckland
Committee Role: General Member (Academic Sector)

Biography:

Associate Professor Wai Woo is an academic within the Department of Chemical & Materials Engineering in the University of Auckland, New Zealand. He is currently the Chair of the IChemE (Institute of Chemical Engineers) NZ Board (2023-2025).

He is also the coordinator for the Food Engineering Masters program offered by the Faculty of Engineering.



Previously, he was a Senior Lecturer at Monash University in Australia, having also undertaken his postdoctoral research work there.

Wai obtained a PhD in Chemical Engineering from Universiti Kebangsaan Malaysia in 2010. He is a member of the editorial board for the Drying Technology Journal published by Taylor & Francis. For the past 14 years, his main work has been on spray drying research focusing on the computational aspect as well as the operation of the process. He has published more than 80 refereed journal publications and he is a sole author of a book on spray dryer modelling. He has two patents pertaining to the development of unique spray dried products.

August 2025