澳門大學
UNIVERSIDADE DE MACAU
UNIVERSITY OF MACAU

Speaker profile 講者簡介

Professor Mark van Loosdrecht is a Professor and Chair of the Department of Environmental Biotechnology in the Faculty of Applied Sciences at Delft University of Technology in the Netherlands. Professor van Loosdrecht's scientific interests focus on biofilm processes, nutrient conversion processes and the role of storage polymers in microbial ecology. In particular, he is interested in new processes related to wastewater treatment and resource recovery. His research has resulted in several processes currently applied on a full scale, such as the BCFS process, Sharon process, Anammox process and Nereda process. He is an active member of the International Water Association (IWA) and former chairman of the Biofilm and the Nutrient removal specialist groups.

Professor van Loosdrecht has received many prestigious recognitions and awards. Just to name a few, he is a member of both the Royal Netherlands Academy of Arts and Sciences and the Dutch Academy of Engineering, a member of the National Academy of Engineering in the United States, and a foreign member of the Chinese Academy of Engineering. He has been awarded the Lee Kuan Yew Water Prize, one of the highest awards in the field of water treatment, as well as the Stockholm Water Prize. He was also the chief editor of *Water Research* and currently serves as a regional editor for this journal.

馬克·梵·洛斯德萊特教授是荷蘭代爾夫特理工大學應用科學學院環境生物技術系講座教授。他主要從事生物膜污水處理技術和工藝、營養物去除，以及微生物胞內聚合物在生態學領域的作用研究。他尤其對污水處理及資源回收的新技術感興趣。其研究成果已廣泛應用在不同系統上，諸如 BCFS 工藝、Sharon 工藝、厭氧氨氧化工藝以及 Nereda 工藝。他是國際水協會的活躍成員，同時是生物膜及營養物物質去除專業組織的前會長。

洛斯德萊特教授在學術界享有崇高地位，屢獲殊榮。他是荷蘭皇家藝術與科學院院士、荷蘭工程院院士、美國國家工程院外籍院士、中國工程院外籍院士。他曾榮獲水資源及處理領域最高榮譽之一的李光耀水資源獎，以及斯德哥爾摩水資源獎。他還曾擔任著名學術期刊《水資源研究》的主編，目前是該期刊的區域編輯。