

Marek BOBÁK



Ing. Marek Bobák, Ph.D., is R&D Director at MemBrain s.r.o. (Czech Republic), where he leads applied research and industrial development of membrane-based separation technologies. His work focuses on gas membrane processes, including hydrogen recovery and purification, biogas upgrading, and flue gas treatment, covering the full innovation cycle from process design, pilot testing, and validation to industrial scale-up and commercialization. He has played a key role in establishing and expanding R&D capacities and in transferring membrane technologies into commercially deployed units. His expertise further includes electromembrane systems, integrated process solutions, and modeling of transport phenomena and reaction kinetics. Dr. Bobák has extensive experience in managing multidisciplinary research teams and international projects, and regularly presents his work at scientific conferences and in peer-reviewed publications, contributing to the advancement of membrane engineering for energy and environmental applications.