

Inclination and rolling motion effect on subcooled flow boiling pressure drop through annulus channel with helical finned heater

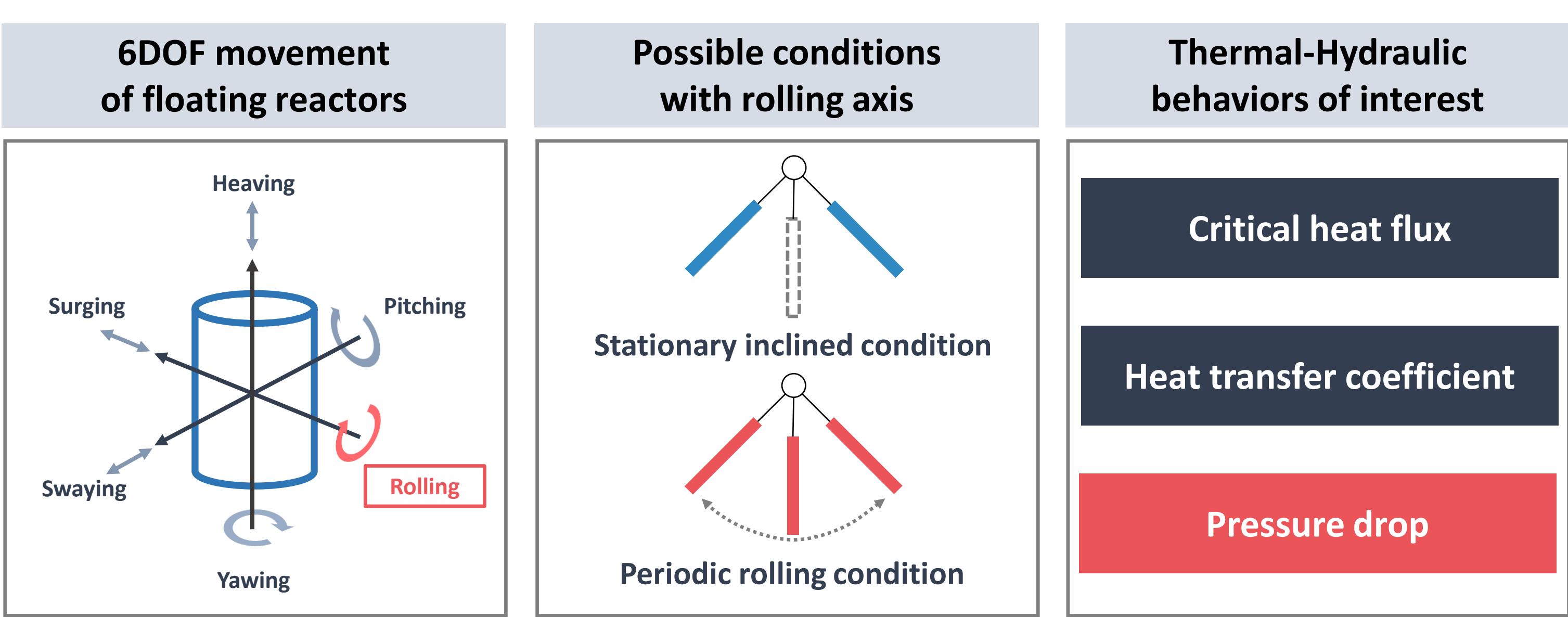
Hyukjae Ko, Chang Won Lee, Jin-Seong Yoo, Heepyo Hong, Ja Hyun Ku, Goon-Cherl Park, Hyoung Kyu Cho*

Department of Nuclear Engineering, Seoul National Univ., 1 Gwanak-ro, Gwanak-gu, Seoul 08826.

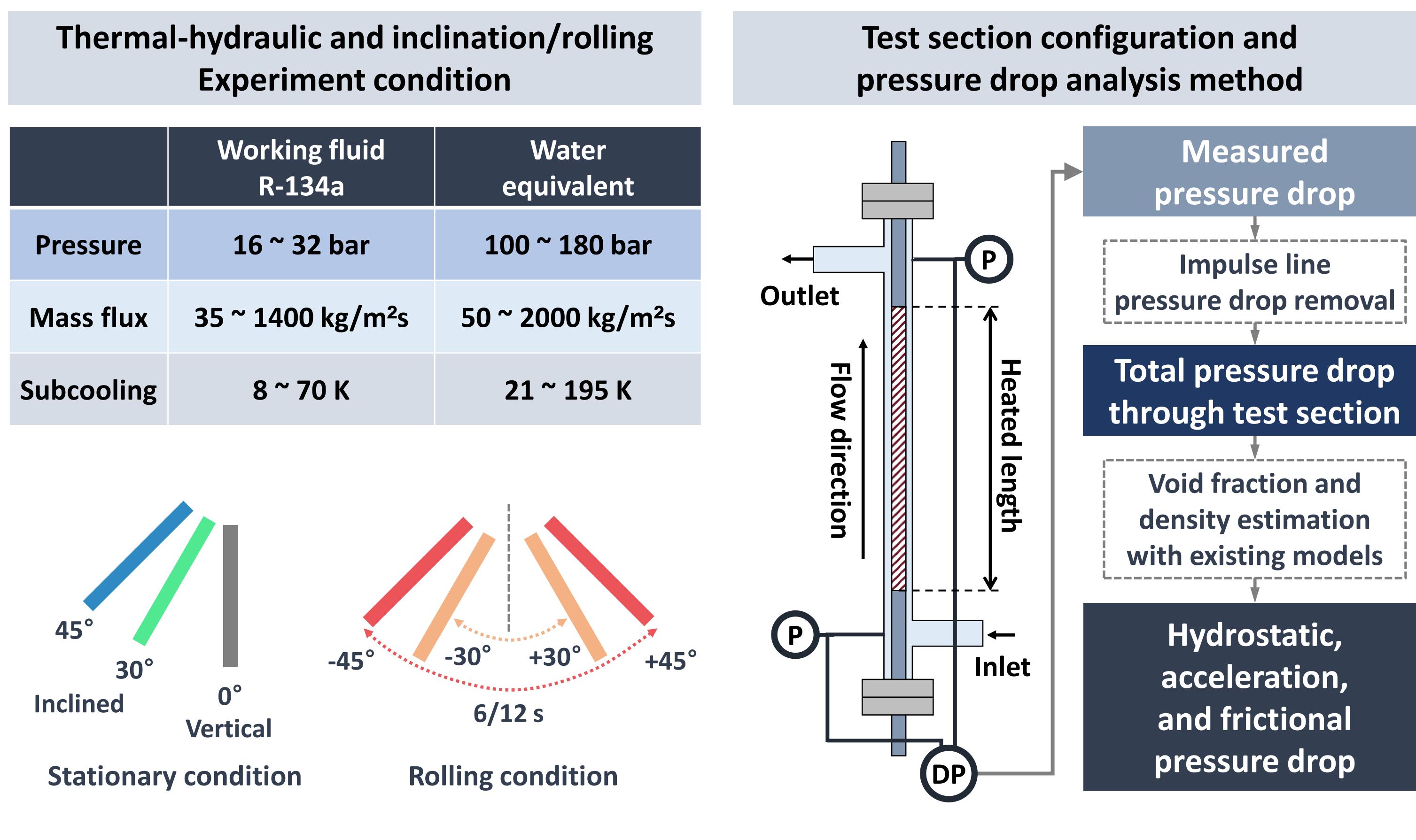
*Corresponding author: chohk@snu.ac.kr

Introduction

Background

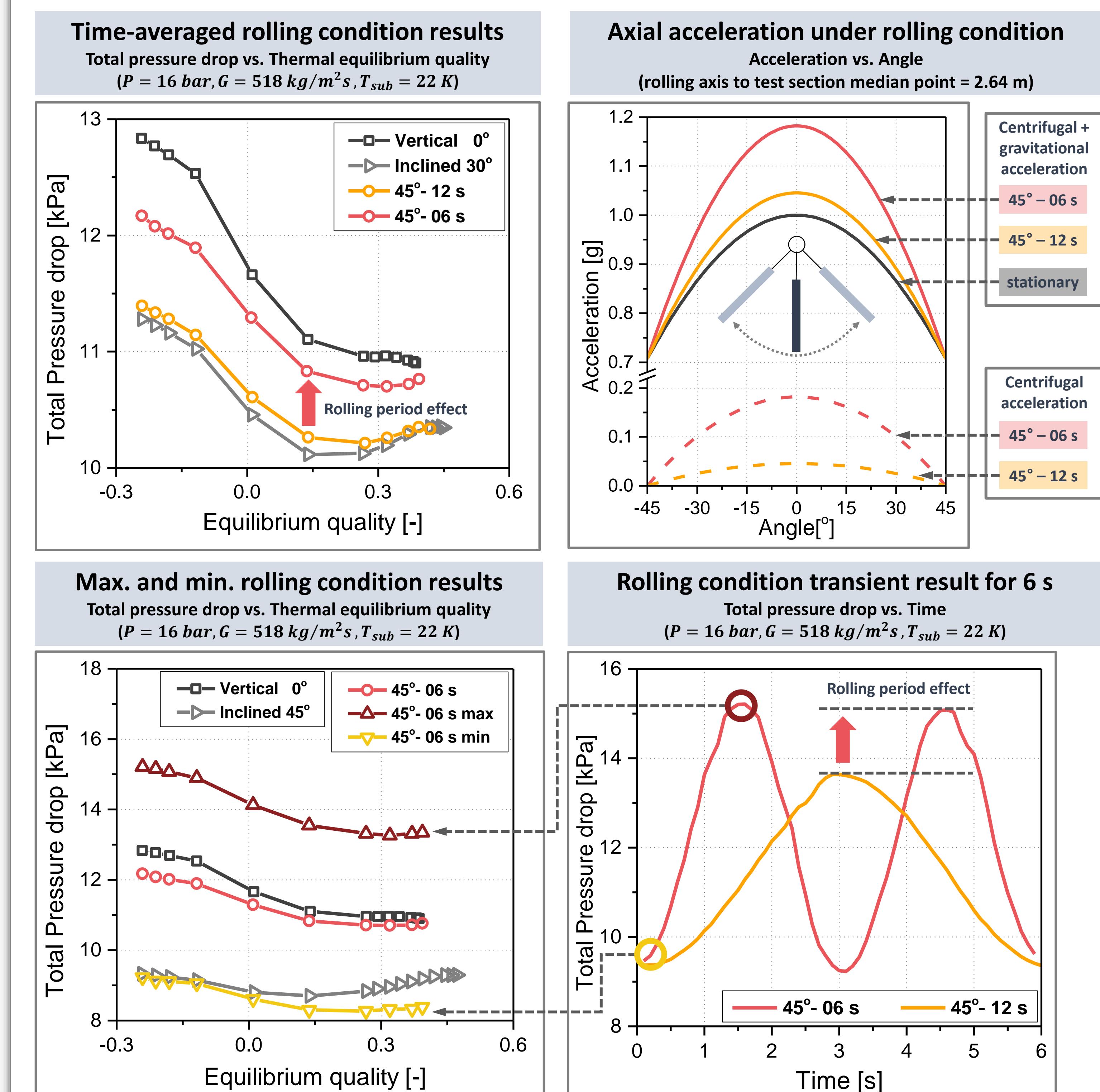


Experiment conditions and analysis method



Rolling motion effect

Experimental results



Pressure drop partitioning results

