國立陽明交通大學應用數學系
學術演講公告

主講人：Ralf Greve 教授(北海道大學低溫科學研究所)

講　題：

Basal sliding laws and flow laws for ice-sheet and glacier modelling, and why their non-dimensionalization can make modellers' lives easier

時　間：114 年 12 月 10 日(三) 15:00 –16:00

地　點：(光復校區) 科學一館 307 室

Abstract

　　Ice sheet flow laws currently use coefficients that depend on their respective power-law exponents, complicating systematic parameter exploration in models. This study proposes dimensionless formulations for both basal sliding and internal deformation laws, which decouple coefficients from exponents, simplifying sensitivity studies and making independent variation of these parameters feasible in ice-sheet models.

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