

Interface Problems in Fluids and Materials Workshop, Dec. 19-20, 2009

Description

Interface problems occur in numerous natural phenomena and industrial applications, especially, for the fluid mechanics and material sciences. Very often, the mathematical models involving an interface are some PDEs with moving interface which boundary conditions must be specified along the interface. Since the interface position is unknown and must be solved as a part of solution, this poses challenging difficulties from numerical point of view. For the past decades, the research effort spent on this topic is overwhelming and is still popular in applied mathematics community.

Invited Speakers

Arthur Cheng (NCU, Taiwan)
Huaxiong Huang (York Univ., Canada)
Long Lee (Univ. of Wyoming, USA)
Zhilin Li (NCSU, USA)
Bo Li (UC-San Diego, USA)
Tai-Chia Lin (NTU, Taiwan)
Yanping Lin (HKPU, Hong Kong)
Weiqing Ren (NYU, USA)
Tao Tang (HKBU, Hong Kong)
Xiao-Ping Wang (HKUST, Hong Kong)
Juncheng Wei (CUHK, Hong Kong)

Organizers

Ming-Chih Lai 賴明治(NCTU) 、 Wen-Wei Lin 林文偉(NCTU)
Chin-Tien Wu 吳金典(NCTU) 、 Shu-Ming Chang 張書銘(NCTU)

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