

MS of International Multigrid Conference (IMG2019)

MS01. New trends in domain decomposition methods

Organizers:

Gabriele Ciaramella, Universitat Konstanz
Martin J. Gander, Universite de Geneve

MS02. Application-driven preconditioning

Organizers:

Hengbin An, Institute of Applied Physics and Computational Mathematics
Hehu Xie, Academy of Mathematics and Systems Science, CAS

MS03. Multigrid methods for multiscale problems

Organizers:

Jingrun Chen, Soochow University, China
Pingbing Ming, Chinese Academy of Sciences
Shuo Zhang, Chinese Academy of Sciences

MS04. Multi-scale and multi-physics modeling and simulations in scientific and engineering computing

Organizers:

Jizu Huang, Academy of Mathematics and Systems Science, CAS

MS05. Algorithms for multiphysics models

Organizers:

Mingchao Cai, Morgan State University

MS06. Multilevel algorithms for eigenvalue problems

Organizers:

Xiaoying Dai, Academy of Mathematics and System Sciences, CAS
Hehu Xie, Academy of Mathematics and System Sciences, CAS

MS07. Parallel multigrid methods

Organizers:

Ulrike Meier Yang, Lawrence Livermore National Laboratory

MS08. Advances in numerical methods on polytopal meshes and solvers

Organizers:

Xuehai Huang, Shanghai University of Finance & Economics
Xiaoping Xie, Sichuan University
Shiquan Zhang, Sichuan University

MS09. Mathematical modeling of practical problems, numerical methods, and

efficient preconditioners for solving discrete problems

Organizers:

Zhiming Chen, Academy of Mathematics and Systems Science, CAS
Liwei Xu, University of Electronic Science and Technology of China
Weiyang Zheng, Academy of Mathematics and Systems Science, CAS

MS10. Two-grid method and its applications

Organizers:

Liuqiang Zhong, School of Mathematical Sciences, South China Normal University
Hehu Xie, Academy of Mathematics and System Sciences, CAS

MS11. Domain decomposition methods for high performance computing

Organizers:

Hyea Hyun Kim, Kyung Hee Univ
Chang-Ock Lee, KAIST

MS12. Recent achievements on numerical algorithms and performance optimization for large-scale scientific and engineering computing

Organizers:

Xin He, Institute of Computing Technology, Chinese Academy of Sciences
Guangming Tan, Institute of Computing Technology, Chinese Academy of Sciences
Xiaowen Xu, Institute of Applied Physics and Computational Mathematics, China Academy of Engineering Physics.

MS13. Geometric numerical methods for fluids and electromagnetic fields

Organizers:

Kaibo Hu, University of Minnesota
Yajuan Sun, Chinese Academy of Sciences

MS14. Multiscale, multiphysics, and interface problems and related fields

Organizers:

Young Ju Lee, exas State University
Dongwoo Sheen, Seoul National University
Chensong Zhang, Chinese Academy of Sciences

MS15. Advances and applications for parallel adaptive geometric multigrid

Organizers:

Andreas Vogel, Ruhr University Bochum, Germany

MS16. Multi-grid and modelling

Organizers:

Gabriel Wittum, KAUST and G-CSC Frankfurt University

MS17. Advances in multilevel methods: from PDEs to data intensive studies

Organizers:

Long Chen, University of California, Irvine

Xiaozhe Hu, Tufts University

Ludmil Zikatanov, The Pennsylvania State University

MS18. Machine learning and high performance computing

Organizers:

Tao Cui, LSEC, NCMIS, Academy of Mathematics and System Sciences, CAS

Xin Liu, LSEC, NCMIS, Academy of Mathematics and System Sciences, CAS

Yingzhou Li, Duke University

Xueshuang Xiang, Qian Xuesen Laboratory of Space Technology, China

Ran Zhang, Jilin University, China

MS19. Multigrid and Machine Learning

Organizers:

Juncai He, Peking University, China

Zuowei Shen, National University of Singapore, Singapore

Jinchao Xu, Penn State University, USA