



## The 14th International Conference on Computational Methods

### Plenary Lecture List

#### Plenary Lecture (PL)

- PL-1: Wavelet-Based Unified Method for Solving Nonlinear Problems and its Progress in Applications  
*Youhe Zhou, Lanzhou University, China*
- PL-2: Auxetic structures for lightweight high-performance protective solutions  
*Tuan Ngo, University of Melbourne, Australia*
- PL-3: An immersed multi-material finite volume-material point method for structural damage under blast loading  
*Xiong Zhang, Tsinghua University, China*

#### Semi Plenary Lecture (SPL) (sorting by last name)

- SPL-1: Waves and vibrations in dielectric elastomer plates and shells  
*Weiqiu Chen, Zhejiang University, China*
- SPL-2: High performance computing based on HDDM and AI applications  
*Ryuji Shioya, Toyo University, Japan*
- SPL-3: Computational biomechanics of red blood cells: From a cell membrane deformation to blood flow with multiple cells  
*Ken-Ichi Tsubota, Chiba University, Japan*
- SPL-4: Efficient CFD Solver for Coupled Aero-Hydro Dynamic Flows around Floating Offshore Wind Turbine  
*Decheng Wan, Shanghai Jiao Tong University, China*
- SPL-5: Superconvergent Recursive Gradient Meshfree Collocation Methods with Particular Reference to Accuracy Measuring  
*Dongdong Wang, Xiamen University, China*
- SPL-6: CFD Modeling of Wind Driven Rain Impacts in Singapore  
*George Xu, Institute of High Performance Computing, Singapore*