



Technical Parallel Session – Computational Engineering (CE) Programme
Day 2: Thursday, 22 January 2009
Location: NUS Kent Ridge Guild House

Time	Programme Schedule
9:15 am – 9:35 am	Men Han <i>Band-Gap Optimization for Wave Propagation in Periodic Media using Semi-Definite Programming</i>
9:35 am – 9:55 am	Yun Sangwoon <i>A Coordinate Gradient Descent Method for L_1-regularized Convex Minimization</i>
9:55 am – 10:15am	Ang Marcus <i>A Linear Storage-Retrieval Policy for Robust Warehouse Management</i>
10:15am – 10:45 am	Break
10:45 am – 11:10 am	Liu Yongjin <i>A Semismooth Newton Augmented Lagrangian Method for Convex Minimization Problems with Nonseparable ℓ_1-Regularization</i>
11:10 am – 11:30 am	Wang Chen <i>Support Function of Minimal Disturbance Invariant Set and Its Derivative: Application in Designing Feedback Gain</i>
11:30 am – 11:50 am	Ooi Boon Hooi <i>Surrogate-Based Optimization of a BioMEMS Microfluidic Weir</i>
12:00 pm – 2:00 pm	Lunch
2:00 pm – 2:20 pm	Nguyen Xuan Hung <i>A Formulation of the Edge-Based Smoothed Discrete Shear Gap Method for Reissner-Mindlin Plate Analysis</i>
2:20 pm – 2:40 pm	Xu Xu <i>A Strain-modified Point Interpolation Method (SM-PIM) for 2D Mechanics Problems</i>
2:40 pm – 3:00 pm	Ngoc Cuong Nguyen <i>Hybridizable Discontinuous Galerkin Methods</i>
3:00pm – 3:30 pm	Break
3:30 pm – 3:50 pm	Zheng Haining <i>On the Stability and Predictive Capability of Rubber Material Models</i>
3:50 pm – 4:10 pm	Fitriani <i>Multiscale Dynamic Time and Space Warping</i>
4:10 pm	Poster Session