

**Technical Parallel Session**  
**Innovation in Manufacturing Systems and Technology (IMST)**

Tuesday, 17 January 2006  
Location: NUS Campus, Prince George's Park Function Room 2

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|---------------|--|
| 14:00 - 14:25 | Performance of a serial batch processor system with incompatible job families under simple control policies<br>John Benedict Cheng TAJAN |
| 14:25 - 14:50 | Multi-item single vendor – single buyer problem with consideration of transportation quantity discount<br>Ye-Xin WANG                    |
| 14:50 - 15:15 | Setting real time WIP levels in production lines<br>Rongling YANG  |
| 15:15 -15:40  | Generation of dielectrophoretic force under uniform electric field<br>Chin Hock KUA  |
| 15:40 - 16:00 | Q&A session  |
| 16:00 - 16:20 | Tea Break  |
| 16:20 - 16:50 | Modeling and analysis of manufacturing systems with multiple-loop structures<br>Stanley B. GERSHWIN                                      |
| 16:50 - 17:20 | Modeling and analysis of re-entrant production systems<br>Stanley B. GERSHWIN  |
| 17:20 - 17:40 | Q&A session  |
| 17:40         | End of Technical Parallel Session  |