



G08.07

### **3D Numerical Simulation of Micro Injection Molding**

\*WenHsien Yang (a), Dan Chang (a), Venny Yang (a), PeiChi Chang (b), ShengJye Hwang (b)

(a) *CoreTech System Co., Ltd., Hsinchu 300, Taiwan*

(b) *Polymer Science Research Centre, Japan*

The demand for miniature molded parts has been growing over last decade. The filling in micro structure regions are primarily 3D and hence cannot be properly modeled by the 2.5D approach. A 3D model is developed to simulate the micro molding. The numerical results are compared with the experiment.