

Post-Doctor Position Opening

Where: Simon Fraser University Surrey, BC, Canada

Who: Prof. G. Gary Wang

When: Starting as early as January 2008

What: The research is on developing design methodologies to integrate computation-intensive simulation tools for large-scale problems (the number of design variables >20). Optimization and visualization are the current focused directions of attack. The difficulties for optimization include the lack of explicit function expressions, the demand for minimum number of function evaluations, and the large-scale or high dimension. Currently sampling and metamodeling techniques are widely used for such problems but with limitations. The candidate is required to propose new solutions to improve the state-of-the-art. The candidate needs to have solid mathematical or statistical background. Experience with high performance computing (HPC) is an asset.

Salary: CAD\$30,000 + Benefits, one-year term

How: Send your CV, along with a one-page research proposal, to Prof. G. Gary Wang at lidary@mts.net or phone him at +1 (204) 474 9463.