

**Two Postdoc Positions on DES-base Modelling and Performance Optimisation for On-demand Manufacturing, Nanyang Technological University, Singapore.**

**Description**

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Two postdoc positions are available on DES-base modelling and performance optimisation for on-demand manufacturing, which aim for template-based modelling that facilitates a drag-and-play design, and real-time synthesis for behavioural correctness and performance optimality. All developed results are required to be demonstrated in a real flexible manufacturing system. Any candidate who has substantial knowledge on discrete event modelling, supervisory control and/or DES-based performance optimisation (in particular, on temporal metrics such as makespan) is welcome to apply.

The salary is competitive including a base salary and an annual performance bonus, plus a free group medical insurance and other benefits. The tax rate in Singapore is very low, and a postdoc salary is almost tax-free. The first contract will be 1 year, but can be renewed up to 2.5 years.

If you need more details about the position please do not hesitate to contact Dr. Rong Su ([rsu@ntu.edu.sg](mailto:rsu@ntu.edu.sg)).