Scheduling and Network Design are NP-hard optimization problems so they cannot usually be solved by exact approaches. Therefore, significant research attention has been attracted on exploring techniques in Computational Intelligence for solving these problems (including evolutionary computation, neural networks, swarm intelligence, fuzzy logic, and their hybridisations with classic integer programming techniques like branch and bound, branch and pricing, etc.). This special session aims to explore recent advances and bring together researchers and scientists from academia and industry that work in this exciting field to present and discuss their latest research results.

**Topics**

*Include but not limited to the following*

- Combinatorial Optimisation Problems
- Machine Learning and Optimisation in Scheduling
- Machine Learning and Optimisation in Network Design
- Vehicle Routing
- Transportation Network Optimisation
- Communication Network Optimisation
- Service Network Design Problems
- Supply Chain Optimisation
- Other Scheduling Problems
- Hybrid Methods (e.g. memetic computing, matheuristics, hyperheuristics, Metaheuristics)
- Complexity Analyses in Scheduling
- Complexity Analyses in Network Design Problems
- Interactive Scheduling using Computational Intelligence
- Case Studies in Scheduling and Network Design

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