

Accepted Manuscript

Heat Exchanger Network Cleaning Scheduling: From Optimal Control to Mixed-Integer Decision Making

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PII: S0098-1354(17)30434-9
DOI: [10.1016/j.compchemeng.2017.12.004](https://doi.org/10.1016/j.compchemeng.2017.12.004)
Reference: CACE 5971



To appear in: *Computers and Chemical Engineering*

Received date: 22 July 2017
Revised date: 14 November 2017
Accepted date: 12 December 2017

Please cite this article as: Riham Al Ismaili, Min Woo Lee, D. Ian Wilson, Vassilios S. Vassiliadis, Heat Exchanger Network Cleaning Scheduling: From Optimal Control to Mixed-Integer Decision Making, *Computers and Chemical Engineering* (2017), doi: [10.1016/j.compchemeng.2017.12.004](https://doi.org/10.1016/j.compchemeng.2017.12.004)

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1 Highlights

- 2 • Novel solution of HEN cleaning scheduling optimisation
- 3 • Underlying model cast as bang-bang optimal control problem
- 4 • Relaxed MINLP full integer solutions for classes of problems
- 5 • Large-scale robust solution procedure via feasible path approach
- 6 • Parallelizable implementation for gradients and multiple starts

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