#### Accepted Manuscript

Title: Product-centric Continuous-time Formulation for Pipeline Scheduling

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PII:	S0098-1354(17)30186-2
DOI:	http://dx.doi.org/doi:10.1016/j.compchemeng.2017.04.023
Reference:	CACE 5801
To appear in:	Computers and Chemical Engineering
Received date:	1-2-2017
Revised date:	18-4-2017
Accepted date:	27-4-2017

Please cite this article as: Castro, Pedro M., & Mostafaei, Hossein., Productcentric Continuous-time Formulation for Pipeline Scheduling.*Computers and Chemical Engineering* http://dx.doi.org/10.1016/j.compchemeng.2017.04.023

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### ACCEPTED MANUSCRIPT

# Product-centric Continuous-time Formulation for

# **Pipeline Scheduling**

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- >Simple scheduling formulation for straight multiproduct pipelines
- >New constraints to model first in, first out policy in pipeline segments
- >A product can reenter a segment after completely leaving on the other side
- >Forbidden sequences enforced even when segments become idle between products injections
- >New best solution for a literature benchmark problem.

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