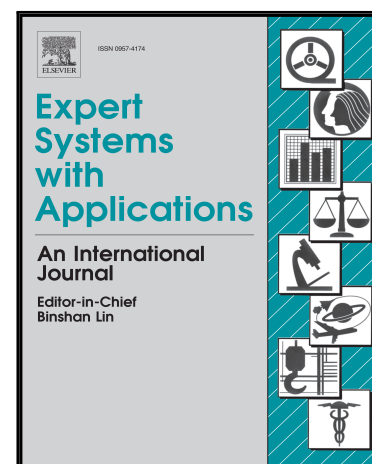


# Accepted Manuscript

Predicting Process Behavior Meets Factorization Machines

Wai Lam Jonathan Lee, Denis Parra, Jorge Munoz-Gama,  
Marcos Sepúlveda

PII: S0957-4174(18)30327-0  
DOI: [10.1016/j.eswa.2018.05.035](https://doi.org/10.1016/j.eswa.2018.05.035)  
Reference: ESWA 11988



To appear in: *Expert Systems With Applications*

Received date: 4 March 2018  
Revised date: 3 May 2018  
Accepted date: 25 May 2018

Please cite this article as: Wai Lam Jonathan Lee, Denis Parra, Jorge Munoz-Gama, Marcos Sepúlveda, Predicting Process Behavior Meets Factorization Machines, *Expert Systems With Applications* (2018), doi: [10.1016/j.eswa.2018.05.035](https://doi.org/10.1016/j.eswa.2018.05.035)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Highlights**

- Easy-to-configure model to predict the next event of ongoing cases in a process
- Cases are represented as overlapping steps to include sequential information
- Model training with negative feedback information improves prediction precision
- Experiments show performance comparable to state-of-the-art techniques

Download English Version:

<https://daneshyari.com/en/article/6854738>

Download Persian Version:

<https://daneshyari.com/article/6854738>

[Daneshyari.com](https://daneshyari.com)