

Call for Papers

Special Session on Process Mining

at the 2013 IEEE Symposium on Computational Intelligence and Data Mining

CIDM 2013

April 15 -19, 2013, Singapore



The IEEE Task Force on Process Mining (www.win.tue.nl/ieeetfpm) is organizing a special session at the 2013 IEEE Symposium on Computational Intelligence and Data Mining (CIDM 2013). The goal of this special session is to allow experts in the area of process mining to share new techniques, applications and case studies. Therefore, submissions of papers on new process mining techniques, applications of process mining, business intelligence, process discovery, conformance checking, process intelligence, etc. are welcome.

Process mining is a relatively young research discipline that sits between computational intelligence and data mining on the one hand and process modeling and analysis on the other hand. The idea of process mining is to discover, monitor and improve real processes (i.e., not assumed processes) by extracting knowledge from event logs readily available in today's systems.

Process mining provides an important bridge between data mining and business process modeling and analysis. Research on Process mining started in the late nineties. At that time there was little event data available and the process mining techniques were extremely naïve and hence unusable. Over the last decade, larger amounts of event data have become available and process mining techniques have matured. Moreover, process mining algorithms have been implemented in various academic and commercial systems. Today, there is an active group of researchers working on process mining and it has become one of the "hot topics" in BPM research. Moreover, there is a huge interest from industry in process mining. More and more software vendors started adding process mining functionality to their tools. These developments motivated the Data Mining Technical Committee (DMTC) of the Computational Intelligence Society (CIS) of IEEE to establish a task force on process mining.

Important dates

Paper submission: ~~10 October, 2012~~ **23 November, 2012**

Decision: 05 January, 2013

Final paper submission: 05 February, 2013

Conference dates: 15-19 April, 2013

Organizers

Andrea Burattin, University of Padua, Italy

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Visit <http://www.ieee-ssci.org> or <http://cidm2013.processmining.it>
for detailed submission information.