

# The 10<sup>th</sup> International Conference on Data Mining – DMIN'14

<http://www.dmin-2014.com>

Call for Papers

Special Session on

**Data Mining Applications for Advanced Manufacturing**

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Data mining applications are becoming increasingly important for the wide range of manufacturing processes. During daily manufacturing operations large amounts of data is generated. The abundance of data, however, often impedes the ability to extract useful knowledge. In addition, the large amount of data stored in often unconnected databases makes it impractical to manually analyze for valuable decision-making information. New intelligent Data Mining tools and techniques are required which can intelligently analyze data and produce useful knowledge for manufacturing.

The objective of the special session is to provide a forum for data mining researchers and manufacturing specialists / practitioners from industry to discuss and present data mining applications and challenges that arise when developing, implementing and using data mining for real world manufacturing applications.

Topics will include, but are not limited to:

- Knowledge Management
- New data mining technologies
- Product design and development
- Asset Management / Computerized Maintenance Management Systems
- Intelligent data mining systems for manufacturing
- Production Planning

The special session will be held during the DMIN conference, July 21-24, 2014, in Las Vegas, Nevada, USA. All papers should be submitted using the standard procedures for DMIN papers (see <http://www.dmin-2014.com/submission.htm>). **For your submission of the draft paper, please select the Track ‘DMAAM - Data Mining Applications for Advanced Manufacturing’.** Any questions should be directed to the special session organizer or to one of the DMIN conference organizers.