Computational Intelligence Research – Intelligent Algorithms for Scheduling Problems

Publications


K. Nurmi, J. Kyngäs and N. Kyngäs, “Computational Intelligence – the Key to Optimizing Workforce Management and Professional Sports League Schedules”, in Proc. of the FORS40 Workshop, Lappeenranta, Finland, 2013.


N. Kyngäs, K. Nurmi, E.I. Ásgeirsson and J. Kyngäs, "Using the PEAST Algorithm to Roster Nurses in an Intensive-Care Unit in a Finnish Hospital", in Proc. of the 9th Conference on the Practice and Theory of Automated Timetabling (PATAT), Son, Norway, 2012.


H. Ketamo, K. Nurmi and K. Kallama, "User Generated AI in Sports Education", in Proc. of the 5th European Conference on Games Based Learning, Athens, Greece, 2011.

K. Nurmi and J. Kyngäs, “Solving Scheduling Problems for Business Use using Computational Intelligence”, in Proc of the 4th International Workshop on Advanced Computational Intelligence (IWACI), Wuhan, China, 2011.


J. Kyngäs and K. Nurmi, “Shift Scheduling for a Large Haulage Company”, in Proc of the 2011 International Conference on Network and Computational Intelligence (ICNCI), Zhengzhou, China, 2011.


Conference on the Practice and Theory of Automated Timetabling (PATAT), Montreal, Canada, 2008.


Presentations


K. Nurmi, “Using the PEAST algorithm to solve all the phases of the workforce scheduling process”, presentation in 26th European Conference on Operational Research (EURO), Rome, Italy, 2013.


