

Presents:

## The First **UT5** Winter Event on:

**December 21, 2020 - 12:20 pm – 17:30 pm**

### Event Agenda

Time	Title		Position
12:20 – 12:30	Opening Session	Dr. M. J. Omidi	Acting President for International Affairs, IUT
12:30 – 13:00	Applications of optimization techniques in active sensing and communication systems	Dr. Mohammad Mahdi Naghsh	Associate Prof. at the Dept. of Electrical and Computer Eng., Isfahan Univ. of Technology, Isfahan, Iran
13:00 – 13:30	Spare parts' inventory management: forecasting, optimization, and simulation	Dr. Hadi Mosadegh	Postdoctoral Fellow, Ontairo Tech University, Canada
13:30 – 14:00	The Industry and Academia : Industry Optimization, Harmonization, and Action; From Correspondence to Partnership	Dr. Mohamad-reza Zahir Emami	The CEO of Farasan Manufacturing & Industrial Company, Iran
14:30 – 15:00	Virtual Coffee Break and Open Discussion		
15:00 – 15:30	Solving large-scale discrete optimization problems with quadratic components,	Prof. Dr. Pietro Belotti	Assistant Prof. in Politecnico di Milano; Developer at Fico-Xpress Optimizer Team, Birmingham, UK; Assistant Prof. at Clemson Univ., Carolina, USA
15:30 – 16:00	Zinc-Smelter Logistics Network Design under Interruption Risks	Dr. Pooya Hoseinpour	Assistant Prof. at the Dept. of Industrial Eng., Amirkabir Univ. of Technology, Tehran, Iran
16:00 – 16:30	Computing maximum perfect matchings in Fullerene	Dr. Maryam Salami	Early Stage Researcher at ITN, Marie Curie 7 <sup>th</sup> Framework; Assistant Researcher at Institute of System Analysis and Informatics, CNR, Italy
16:30 - 17:00	Mitigating the conflict between the operational efficiency of university timetabling and instructors' preferences	Dr. MohamadReza Peyghami	Professor at the Dept. of Applied Mathematics, K.N. Toosi Univ. of Technology, Chair of SCOP Research Center, Tehran, Iran; Visiting Professor at the York University, Toronto, Ontario, Canada
17:00 - 17:30	Distributed averaging and optimization over random networks	Dr. Behrouz Touri	Assistant Prof. at the Dept. of Electrical and Computer Eng., University of California San Diego, USA
17:30 - 17:35	Open discussion		
17:35 - 17:45	Closing Session		