PERSONAL INFORMATION	Tamás Bányai

📍 Soltész Nagy Kálmán utca 9. 2/2, 3530 Miskolc (Hungary)

📠 (+36) 46 565 111 /2030

✉ alttamas@uni-miskolc.hu

Sex Male | Date of birth 09/12/1968 | Nationality Hungarian

WORK EXPERIENCE

01/08/2001–Present

associate professor
University of Miskolc
Miskolc-Egyetemváros, 3515 Miskolc (Hungary)
www.uni-miskolc.hu

research and education in the field of logistics (main topics: design and optimisation and purchasing, production, distribution and recycling systems)

Business or sector Education

01/03/2005–30/06/2009

deputy-manager
Regional Knowledge Centre of Mechatronics and Logistics
Miskolc-Egyetemváros, 3515 Miskolc (Hungary)

organisation of applied research activities

Business or sector Engineering research

01/08/1998–31/07/2001

assistant professor
University of Miskolc
Miskolc-Egyetemváros, 3515 Miskolc (Hungary)
www.uni-miskolc.hu

research and education in the field of logistics

Business or sector Education

01/07/1993–31/07/1998

assistant lecturer
University of Miskolc
Miskolc-Egyetemváros, 3515 Miskolc (Hungary)
www.uni-miskolc.hu

research and education in the field of materials handling systems

Business or sector Education

EDUCATION AND TRAINING

01/08/1993–31/07/1999

engineering sciences PhD
EQF level 8

University of Miskolc - József Hatvany Doctoral School for Computer Sciences and Engineering
Miskolc-Egyetemváros, 3515 Miskolc (Hungary)
www.uni-miskolc.hu

01/07/1988–31/07/1993

mechanical engineer MSc
EQF level 7

University of Miskolc
Miskolc-Egyetemváros, 3515 Miskolc (Hungary)
www.uni-miskolc.hu

| 01/09/1983–30/06/1987 | mechanician | EQF level 4 |

András Mechwart Secondary School
Széchenyi street 58., 4025 Debrecen (Hungary)
http://www.mechwart-debr.sulinet.hu/

PERSONAL SKILLS

Mother tongue(s)   Hungarian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C2	C1	C1	C2
C1	C1	C1	C1	C2

German (first data row), English (second data row)

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills   Good communication skills gained through my experience as teacher, project leader and manager

Excellent contact skills with students and researchers through my experience as teacher and researcher

Organisational / managerial skills   Good organisational and team-leading skills gained as deputy-manager of the Regional Knowledge Centre of Mechatronics and Logistics, responsible for organising applied research activities

Job-related skills   Effective and flexible communication skills, the desire to 'listen to understand'

Ability to ask open, positive and challenging questions (without judging)

Confidence to try out new techniques and to learn from what happens

Willingness to accept different ways of working and thinking about problem solving

Self-awareness and commitment to continual personal development and continuous improvement

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital competences - Self-assessment grid

simulation softwares

Other skills   playing piano, taking photographs

Driving licence   B

ADDITIONAL INFORMATION

Memberships   Hungarian Academy of Sciences - IX. Section of Economics and Law - Committee of Logistics

Hungarian Academy of Sciences -Regional Committee of Miskolc - Committee of Engineering and Computer Sciences

Publications   The most important publications in the last 3 years:

Bányai, T., Bányai, A. (2017) *Modelling of just-in-sequence supply of manufacturing processes.* MATEC Web of Conferences. 112:06025. doi: 10.1051/matecconf/201711206025

Veres, P., Bányai, T., Illés, B. (2017) *Optimisation problems of networking manufacturing processes.* MATEC Web of Conferences. 112: 06026. doi: 10.1051/matecconf/201711206026

Konyha, J., Bányai, T. (2017) *Sensor networks for smart manufacturing processes.* Solid State Phenomena. 261: 456-462. doi: 10.4028/www.scientific.net/SSP.261.456

Veres, P., Bányai, T., Illés, B. (2017) *Optimization of in-plant production supply with black hole algorithm.* Solid State Phenomena. 261: 503-508. doi: 10.4028/www.scientific.net/SSP.261.503

Veres, P., Bányai, T., Illés, B. (2017) *Intelligent transportation systems to support production logistics.* Lecture Notes in Mechanical Engineering. PartF12: 245-256. doi: 10.1007/978-3-319-51189-4_24

Bányai, Á., Bányai, T., Illés, B. (2017) *Optimization of Consignment-Store-Based Supply Chain with Black Hole Algorithm.* Complexity. 100: 6038973. doi:10.1155/2017/6038973

Bányai T. (2017) *Supply Chain Optimization of Outsourced Blending Technologies. Journal of Applied Economic Sciences.* 50(4): 960-976.

Bányai, T., Veres, P., Illés, B. (2015) *Heuristic supply chain optimization of networked maintenance companies.* Procedia Engineering. 100: 46-55. doi: 10.1016/j.proeng.2015.01.341