



Dr. Komoróczy – Steiner Henriette

Role: associate professor

Department of Health Sciences and Sports Medicine

Management mandate: 2018–

Year of birth: 1973

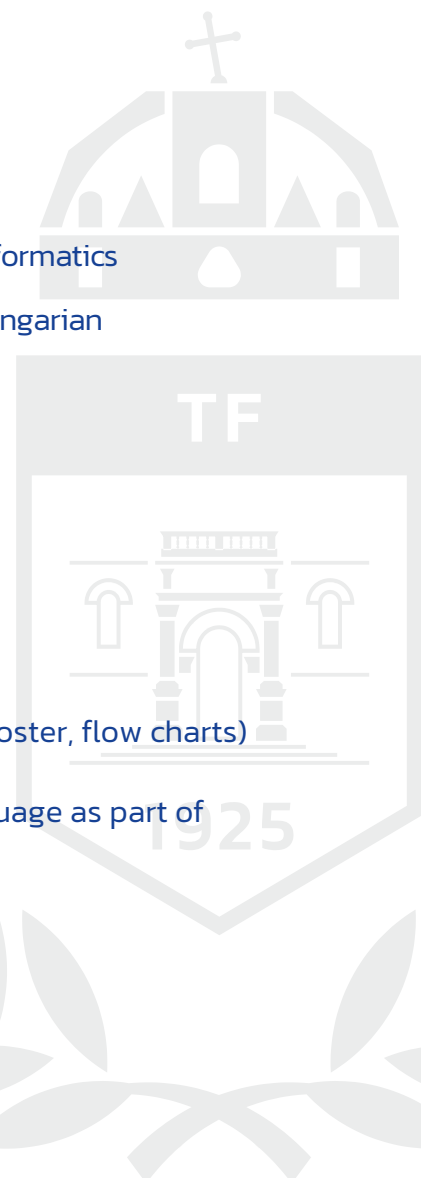
Qualifications, academic degrees

University degrees

- 1 2018 – University of Physical Education
Department of Health Sciences and Sports Medicine
Research Associate Professor
- 2 2016 – University of Óbuda
Institute of Cyber-physical Systems
Institute of Applied Informatics
- 3 2011– 2015 BME Department of Control Engineering and Informatics
- 4 2005–2010 International Children's Emergency Service Hungarian Association

Academic degrees and titles

- 1 Human and Medical Biologist
- 2 Structural and functional biology
- 3 Biology teacher
- 4 Certified programmer
Languages studied: pascal, Delphi, php, C
writing research syntax for SPSS 14
Corel DRAW 12 skills (diplomas, poster science poster, flow charts)
Oracle APEX
learning the MATLAB 2008b programming language as part of
engineering training
Finite Element Method
- 5 Biomedical Engineer
- 6 Engineering discipline, Electrical Engineering PhD



Professional career

Previous and current jobs, positions and titles

1 Research Associate Professor

2 Senior Lecturer

3 Junior Lecturer

Public activities at the university (board memberships, leadership positions)

Key study trips, missions

1

2

Awards, titles, honours

1

2

Language skills

language	speaking skills	writing skills	reading skills	do you do media appearance?
english	B2	B2	B2	yes
german	A1	A1	A1	no
latin	B2	B2	B2	no
sign language	B2	B2	B2	no
russian	beginner	beginner	beginner	no

Research, expert activities

Major subjects and topics taught

- 1 Effects of therapeutic riding on the motor coordination and psychological components of children with abnormal development
- 2 Effects of therapeutic riding on children with developmental differences
- 3 motor coordination and psychological components of children with disability
- 4 Biomechanics of children and adolescents with autism
- 5 and biomechanical movement analysis and parameter determination
- 6 Analysis of psychosocial indicators in children with autism
- 7 Biomechanical parameters of cerebral palsy
- 8 Effects of steady motion fitness on motor coordination and
- 9 and strength parameters.
- 10 Steady motion fitness as a therapeutic option
- 11 Biomechanical indicators of rheumatoid arthritis
- 12 Testing and use of the Apollo laparoscopic trainer
- 13 using a simplified Dempster model
- 14 Creation of an anthropometric database (student topic)
- 15 Development of a patient registry database (student topic)
- 16 Safe fall testing

Field and discipline

Major subjects and topics taught

- 1 Effects of therapeutic riding on the motor coordination and psychological components of children with abnormal development
- 2 Effects of therapeutic riding on children with developmental differences
- 3 motor coordination and psychological components of children with disability
- 4 Biomechanics of children and adolescents with autism
- 5 and biomechanical movement analysis and parameter determination
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Current research topics

Major subjects and topics taught

- 1 Effects of therapeutic riding on the motor coordination and psychological components of children with abnormal development
- 2 Effects of therapeutic riding on children with developmental differences
- 3 motor coordination and psychological components of children with disability
- 4 Biomechanics of children and adolescents with autism
- 5 and biomechanical movement analysis and parameter determination
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Former research topics

Major subjects and topics taught

- 1 Effects of therapeutic riding on the motor coordination and psychological components of children with abnormal development
- 2 Effects of therapeutic riding on children with developmental differences
- 3 motor coordination and psychological components of children with disability
- 4 Biomechanics of children and adolescents with autism
- 5 and biomechanical movement analysis and parameter determination
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16 Safe fall testing

Key research

- 1 motion capture
- 2 human motion

Membership of a scientific or professional organisation or body

- 1
- 2

Editorial board memberships and positions

- 1
- 2

Expert advisory activities

- 1
- 2

Publications

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10042333My>

Contacts

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