



Lenka Lhotska

Position nominated for:
RGR for Europe and Africa

Affiliated Society:
Czech Society for Biomedical Engineering and Medical Informatics – Scientific Secretary

Primary Job title :
Czech Technical University in Prague, Distinguished Researcher and Associate Professor

Professional Achievement

- Knowledge-based systems
- Application of artificial intelligence (AI) methods to medicine
- Digital biosignal processing
- Machine learning applications to medical data
- Semantic interoperability
- Mobile technologies in healthcare
- Electronic health record
- Virtual reality as a means to meet specific needs of seniors
- Assistive technologies serving people with special needs

Societal Contribution

- Scientific Secretary CSBMEMI (2005 – now)
- National representative in IFMBE (2005 – now)
- co-chair of the WiMBE Committee of IFMBE
- chair of the Women in Medical Physics and Biomedical Engineering TG of IUPESM
- co-chair of the IUPESM World Congress 2018
- member of the PC EMBEC 2005

Honours and Awards

- Czech Head Award 2004 – special prize for help to handicapped persons