



## INTERNATIONAL FEDERATION FOR MEDICAL AND BIOLOGICAL ENGINEERING

Affiliated with the International Union for Physical and Engineering Sciences in Medicine

Office of the Secretary-General: Prof. K.P. Lin

### Nominations for Elections in 2018

#### NOMINEE INFORMATION FORM

Nomination for the position of

Administrative Council Member

Name

Lenka Lhotska

Affiliated Society

Czech Society for Biomedical Engineering and Medical Informatics

Current Position  
(in Affiliated Society)

Scientific Secretary

Current Profession  
(in Academia, Hospital, etc.)

Professor at the Czech Technical University in Prague

Photograph (please use the space provided below only)





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### **Brief Biography (200 words)**

Lenka Lhotská, PhD, CEng, MIET, MIEEE graduated as Master of Science in Electrical Engineering in 1984 at the Czech Technical University in Prague (CVUT), Czech Republic. In 1989 she got her PhD degree in Cybernetics from CVUT. Currently she is head of the COGSYS Department (Cognitive Systems and Neurosciences) at the Czech Institute of Informatics, Robotics and Cybernetics and head of the dept. of natural sciences at the Faculty of Biomedical Engineering of the CVUT.

Her research focuses on following areas: Knowledge-based systems, data and knowledge representation, application of artificial intelligence methods to medicine, digital signal processing, machine learning, feature extraction and feature selection, semantic interoperability, mobile technologies in healthcare, electronic health record.

She was supervisor of 15 PhD students who successfully defended their theses. Currently she supervises 6 PhD students. She is responsible for Master study program in Biomedical Engineering at CVUT.

Since 2005 she is member of the Council of the Czech Society for Biomedical Engineering and Medical Informatics; since 2011 National representative in International Society for Telemedicine and eHealth (IsfTeH); since 2009 National representative in International Federation for Medical and Biological Engineering (IFMBE). In 2014 she was elected member of the Engineering Academy of the Czech Republic.

### **Position Statement (200 words)**

I have been involved in IFMBE activities since 2005 when the Czech Society for BME&MI organized the EMBEC 2005 conference. I became aware of the IFMBE activities, responsibilities and visions. In 2009 as national representative I started to be involved in various IFMBE meetings. I participated in numerous IFMBE sponsored events including World Congresses, regional and international conferences and meetings. In 2012 I presented the candidacy of the CSBMES&MI for the World Congress 2018 and we won. Currently I am serving as the Scientific Committee Co-chair of the IUPESM World Congress 2018, which will be held in Prague. I am member of the IFMBE Education & Accreditation Committee and Women in BME Committee. An opportunity to serve the IFMBE as an AC member will be a great honor for me. I will do my best to contribute positively to the decision-making processes of the IFMBE in matters that relate to current and long term objectives of the IFMBE. I have good communication skills and experience in team work. I have the ability to analyze, think creatively, discuss different views and find balanced solutions. I believe I have the experience and the enthusiasm to serve IFMBE members well and to contribute to IFMBE goals.



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I agree to have my name placed in nomination for the above position, and if elected, to serve for the three or six-year term specified.

Signature of Candidate:

Address:

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