



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	TREASURER
Name	Marc Nyssen
Affiliated Society	BSMBEC (Belgium)
Current Position (in Affiliated Society)	Secretary General
Current Profession (in Academia, Hospital, etc.)	Professor Medical Informatics (VUB)

Photograph (please use the space provided below only)





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

Brief Biography (200 words)

Studied Electrical Engineering at the Free University Brussels, graduating in Electronics in 1975.

In 1978, he obtained an Engineering degree in "Computer Science"

In 1983, he obtained a PhD. degree in Electrical Engineering, after defending a thesis called: "New Architectures for Optoelectronic Signal Processing"

From 1976 to 1977 research assistant in the Electronics Dept. at the V.U.B.

From 1978 to 1983 he was appointed in the Medical Informatics Dept., responsible for the research network and server computing infrastructure of the new medical campus of the Brussels Free University, in Jette. First as a research assistant, from 1983 then as Associate Professor, currently as Professor.

As National Secretary he represents Belgium in the International Federation for Medical and Biological Engineering and Computing (IFMBE), of which he is a board member.

Co-founder and Secretary General of the Belgian National Committee on Biomedical Engineering within the Belgian Royal Academy of Sciences and Fine Arts.

His interests lie in different aspects of the computerized production lines, mainly for the scientist, with emphasis on network communication aspects. Image processing related hardware and software systems were studied and realized under his guidance, as research projects or as thesis for students in Engineering or Bio-Engineering and Medical Research.

Medical Internet applications are a second field of interest and expertise, this field is now known as E-health.

Several projects were accomplished regarding the introduction of electronic medical records and the exchange of medical data via the Internet, currently his main project consists of the introduction of electronic medical prescriptions in Belgium: the Recip-e project, as project leader.



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

Member of several Phd commissions and promoter of Masters and Phd students.

In the field of teaching, he is the co-promoter of a series of "wireless laptop" projects to foster ICT in education.

Teaching assignments include courses in "computer science" at bachelor level in the medical faculty, e-health at master level in engineering (biomedical engineering VUB-UGent and several courses as guest professor in the master in e-health, KIST/KHI, Kigali, Rwanda.

Chairman of the Flemish Interuniversity Council's Bureau for development cooperation: VLIR-UOS (2005-2008), co-chair 2009-2011, member of the Bureau 2011 - August 2016.

Member of the Belgian "Telematics Commission" until 2009, appointed as member of the Flemish "Toezichtcommissie voor het elektronische bestuurlijke gegevensverkeer" the Flemish "Privacy Commission" by the Flemish Parliament, as of January 2010.

Co-coordinator of the VLIR-UOS and CUD project UNIVERSITIC in DRC.

Fellow of the International Academy for Medical and Biological Engineering (IAMBE).

Officer (currently Treasurer) of the International Federation for Biomedical Engineering (IFMBE).

Founder of the ICT4D group at the VUB

Position Statement (200 words)



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**

IFMBE should effectively realize its main goals: leadership in the field of Biomedical engineering, on all levels: scientific but also technical and professional.

As a Federation, our services to the member societies not only lie with conferences and publications but also in international cooperation.

Liaison with the IUPESM (medical physicists) and WHO and promoting international contacts amongst our members, resulting in cooperation world-wide.

IFMBE has the unique opportunity to invest in international activities and giving chances for young professionals (be it scientific or in the field) to benefit from the global opportunities that can be offered through international contacts.

Regarding financial policy, prudence is on order, as the interest rates are very low, so in the next term, we should have more attention to diversifying sources of income, making us less dependent on the Journal income, but also, be it modest, from all conference that are sponsored.

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: JB Vandercammenstraat 25, B-1160 Oudergem

Phone: +32 477 555 785

Email: mnyssen@vub.ac.be