



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. S. M. Krishnan**

NOMINEE INFORMATION FORM

Nomination for the position

Name

Affiliated Society

Current Position
(in Affiliated Society)

Current Profession

(in Academia, Hospital, etc.)

Photograph (please use the space provided below)





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Brief Biography (not to exceed 200 words)

General

Born in Antwerp on February 8th 1952
Married with Colette Joris, 3 children

Diplomas

High School: Latin-Mathematics Atheneum Berchem (Berchem Antwerpen),
Maturity test june 1970

Diploma of Civil Engineer Electrotechniques (Electronics) V.U.B. in July
1975.

Diploma of Civil Engineer in Computer Science V.U.B. in Juli 1978 (Great
Distinction).

Doctor in Applied Sciences in June 1983, after defending a thesis: "New
architectures for opto-electronic signal processing" (Maxima Cum Laude).

Nominations

Nominated van 1 January 1976 - 30 September 1977, Department of
"Electronics, TW" (Prof. O. Steenhaut), as academic assistant.

Nominated van 1 October 1977 tot 1 January 1982 Unit "Medical Informatics,
GF-VUB" (Prof. R. Bourgain), as academic assistant.

Nominated from November 1st 1979 to September 30th 1984 Unit of "Medical
Informatics, GF-VUB" (Prof. R. Bourgain), as academic assistant, OZR and
"Concerted Research Actions".

Nominated October 1st 1984 "First Assistant" (Medical Informatics, GF-VUB),
then Associated Professor, tenure track and Professor (since January 1st
2002).

Chairman of the "Bureau for development cooperation" BOW of VUB from May
2003 to January 2005, currently: member

Member bureau VLIR-UOS since August 2004, Chairman VLIR-UOS 2005 - 2009.

Member of the Commission "Computer management" and of the Board of
Directors of the "Data-center VUB-ULB".

Since January 1st 2006 to March 2008 Chairman of the Board of Directors of
the "Data-center VUB-ULB".



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Security Advisor VUB (2010 -)

Member of the "Vlaamse Toezichtcommissie" 2010 - 2014 (as engineer)

Since September 1st 2014 chairman of the "Vakgroep Geneeskunde Wetenschappen" (Public Health) at VUB, Faculty of Medicine and Pharmacy.

Member of the commission "Implants" of the RIZIV/INAMI (Federal Social Security agency) (2013 -)

Teaching

Teaches courses on Computer Science/ Medical Informatics at the Medical and Pharmaceutical Faculty of the Vrije Universiteit Brussel, to undergraduate and to master programs.

Co-coordinator of the inter-university Master "biomedical engineering" Faculties Engineering and Medical Sciences UGent and VUB.

Member of the commission for new approaches in education, VUB.

Courses:

- Introduction to Computer Science
- Computer Science (ICP Human Ecology)
- ICT
- Introduction to networking and en Internet applications
- Advanced Internet: protocols and setting-up of servers
- XML
- System- and network management
- Publishing on the World Wide Web
- Using and managing van UNIX/Linux
- Informatics in dentistry
- Advanced Internet (medical applications)
- Trends in Biomedical Engineering
- Teaching in ITP Stimulate/Lib@Web: Overview Internet/Web technology and XML
- E-health
- ISO 27000 methodology (master e-health at KHI/UR Rwanda)

Research and development / service to society

Promoter of research and education projects related to internet applications in Medicine, Medical Internet applications and the internet technology: Electronic medical records and electronic prescriptions

ICT applications in education (wireless laptop classes and education environments for medical education).

Project leader: Ambulatory electronic prescriptions: Recip-e.

Promoter of an "Own Initiative VLIR-UOS" project "Distance Learning and



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Resource Centre" related to Health care equipment management with the University of Cape Town.

Promoter of a "South Initiative" follow-up project: "Distance Learning and Resource Centre"

Promoter of the Leonardo project Medskills (2005-2007)

Member of the national "Health Telematics Commission" (Ministry of Health) (2006-2011)

Co-Promoter of the "UNIVERSITIC" project (VLIR-UOS + ARES-CCD) in DR. Congo and Burundi (2012-).

Position Statement (not to exceed 200 words)

IFMBE needs activities to establish our leadership in the field: therefore I will do my utmost, as a member of the Officers team, to encourage the expansion of the Federation and to consolidate our activities world-wide, in all aspects covered by our multi-disciplinary field.



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

Signature of Candidate:

Address: Marc Nyssen, c/o VUB Medical Informatics Dept.
Laarbeeklaan 103
B-1090 Jette (Brussels)
Belgium

Phone: +32 2 477 44 24
Email: mnyssen@vub.ac.be