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Management and maintenance of medical technologies in low-resource settings

ERNESTO IADANZA, PhD

► DIPARTIMENTO BIOTECNOLOGIE MEDICHE

Senior Research Fellow (tenure-track RTD-B)



► INTERNATIONAL FEDERATION FOR MEDICAL AND BIOLOGICAL
ENGINEERING (IFMBE)

Chair, Council of Societies

BRESSANONE, 15/09/2022



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Brief biography

Senior Assistant Professor in Bioengineering (tenure-track, RTD-B) at the Department of Medical Biotechnologies, University of Siena

Nationally qualified as Associate Professor in Bioengineering (ASN)

Chair, International Federation for Medical and Biological Engineering (IFMBE) Council of Societies

IBM Faculty Award, IFMBE/CED Teamwork Award, IEEE Senior Member

Editor in Chief, "Clinical Engineering Handbook 2nd Edition", Academic Press, Elsevier, 2020

Associate Editor for many BME journals. Supervisor in 200+ graduation theses. Author of 190+ publications on international books, scientific journals, volumes and conference proceedings.



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Publications

ORCID
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<https://docenti.unisi.it/it/iadanza>



Ernesto Iadanza
► Dipartimento di Biotechnologie Mediche
Ricercatore Legge 240/10 - tempo determinato

Google Scholar



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Clinical Engineering Biomedical Engineering Healthcare Engineering
Decision Support Systems Cultural Heritage



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Curriculum Vitae

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[VISUALIZZA TUTTO](#)

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EDITOR-IN-CHIEF
ERNESTO IADANZA

CLINICAL ENGINEERING HANDBOOK

SECOND EDITION



ELSEVIER

- Section 1** Clinical Engineering
- Section 2** Worldwide Clinical Engineering Practice
- Section 3** Health Technology Management
- Section 4** Management
- Section 5** Safety
- Section 6** Professionalism, Education and Ethics
- Section 7** Medical Devices: Design, Manufacturing, Evaluation, and Control
- Section 8** Medical Devices: Utilization and Service
- Section 9** Information Technology and Mobile Apps
- Section 10** Engineering the Clinical Environment
- Section 11** Medical Device Standards, Regulations, and the Law
- Section 12** Health Technology Assessment
- Section 13** Introduction to Human Factors

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IFMBE

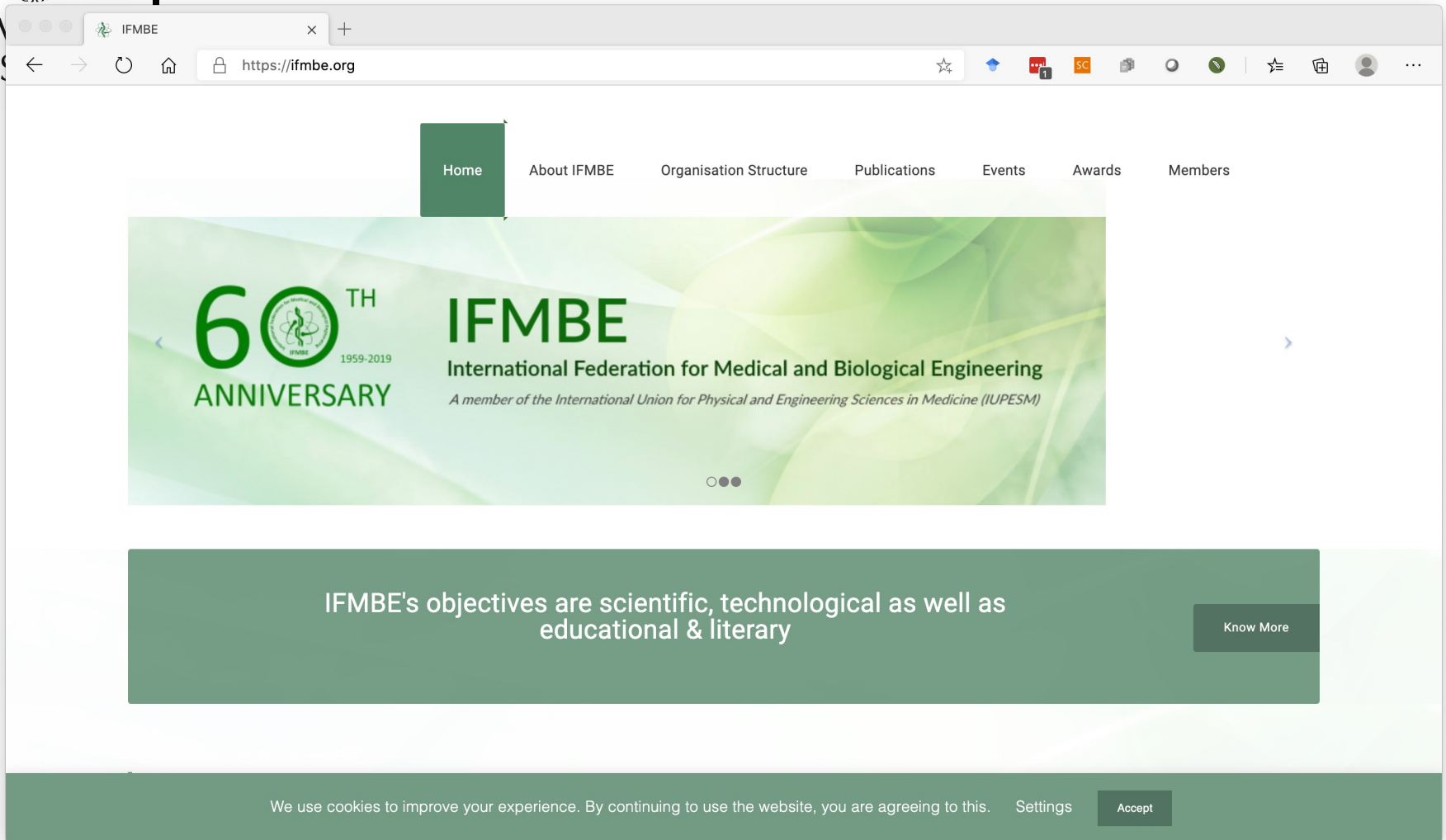


The International Federation for Medical and Biological Engineering

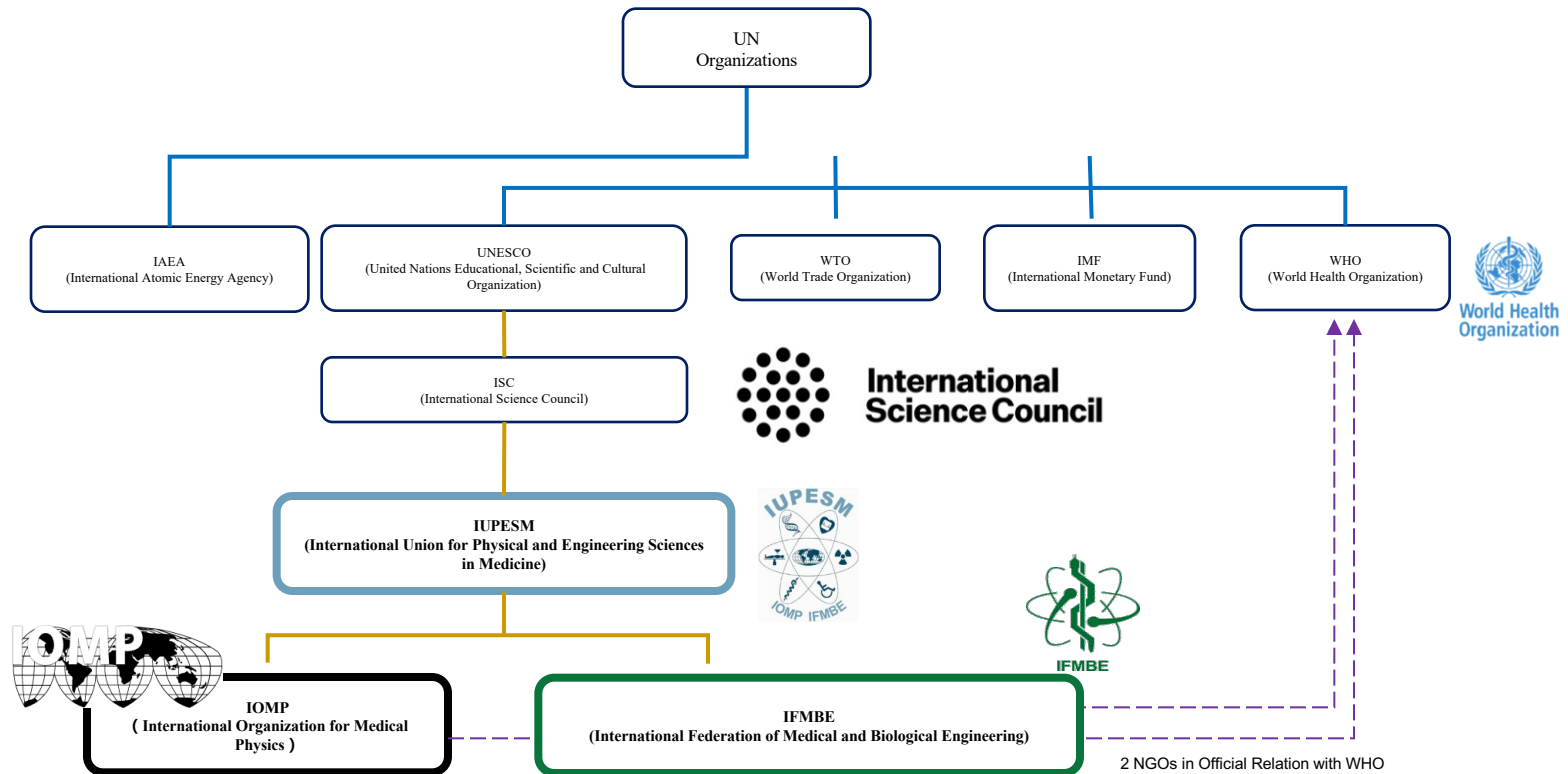
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BME Ecosystem





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IFMBE elected AC members 2022-2025

Council of Societies

The Council of Societies (CoS) serves as the main communication and feedback channel between the International Federation for Medical and Biological Engineering (IFMBE) and its Constituent Societies.

The CoS members, consisting of one IFMBE General Assembly (GA) delegate from each Constituent IFMBE Society, are thus a subset of the IFMBE General Assembly (GA).

The CoS generally holds annual meetings that are less formal in procedures than the IFMBE GA. The CoS is subdivided into CoS Regional Groups, which are expected to meet independently in the respective Regions. The Regional Group Representatives are considered activators of initiatives, mainly, but not exclusively, related to their Region of the world and conveyors of information to and from the IFMBE Administrative Council (AC), in which they have a seat.

[Council of Societies Charter](#)[Secretaries Committee Charter](#)[Past Secretaries Committee](#)

Committee Members

2022 - 2025

Chair
Ernesto IADANZA

Members / Regional Group Representatives

Region 1 | Asian-Pacific:

Hairong ZHENG, China

Region 2 | Europe-Africa:

Lenka LHOTSKA, Czech Republic

Region 3 | Latin-America:

Elliot VERNET, Mexican

Region 4 | North-America:

Marie-Ange JANVIER, Canada

Region 5 | Africa

Ashenafi HUSSEIN, Ethiopia,

Interim RGR



Best Practices

[IFMBE Affiliated Societies' Code of Ethics](#)[Best Practices in BME in Low and Middle Income Settings](#)[Best Practices for Promoting Young Investigators Activities](#)[IFMBE - Gender Best Practices Survey in Societies](#)

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