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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)

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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



**iD**  
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**Ernesto Iadanza**  
 Dipartimento di Biotecnologie Mediche  
 Ricercatore Legge 240/10 - tempo determinato

Google Scholar



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Clinical Engineering Biomedical Engineering Healthcare Engineering  
 Decision Support Systems Cultural Heritage

SEGUI

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**Curriculum Vitae**

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EDITOR-IN-CHIEF  
**ERNESTO IADANZA**

# CLINICAL ENGINEERING HANDBOOK

SECOND EDITION



**ELSEVIER**

- Section 1** Clinical Engineering
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- Section 12** Health Technology Assessment
- Section 13** Introduction to Human Factors

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**IFMBE**



# The International Federation for Medical and Biological Engineering

International Federation for Medical and Biological  
Engineering / IFMBE



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IFMBE

Home About IFMBE Organisation Structure Publications Events Awards Members

**60<sup>TH</sup>**  
ANNIVERSARY  
1959-2019

**IFMBE**  
International Federation for Medical and Biological Engineering  
*A member of the International Union for Physical and Engineering Sciences in Medicine (IUPESM)*

IFMBE's objectives are scientific, technological as well as educational & literary

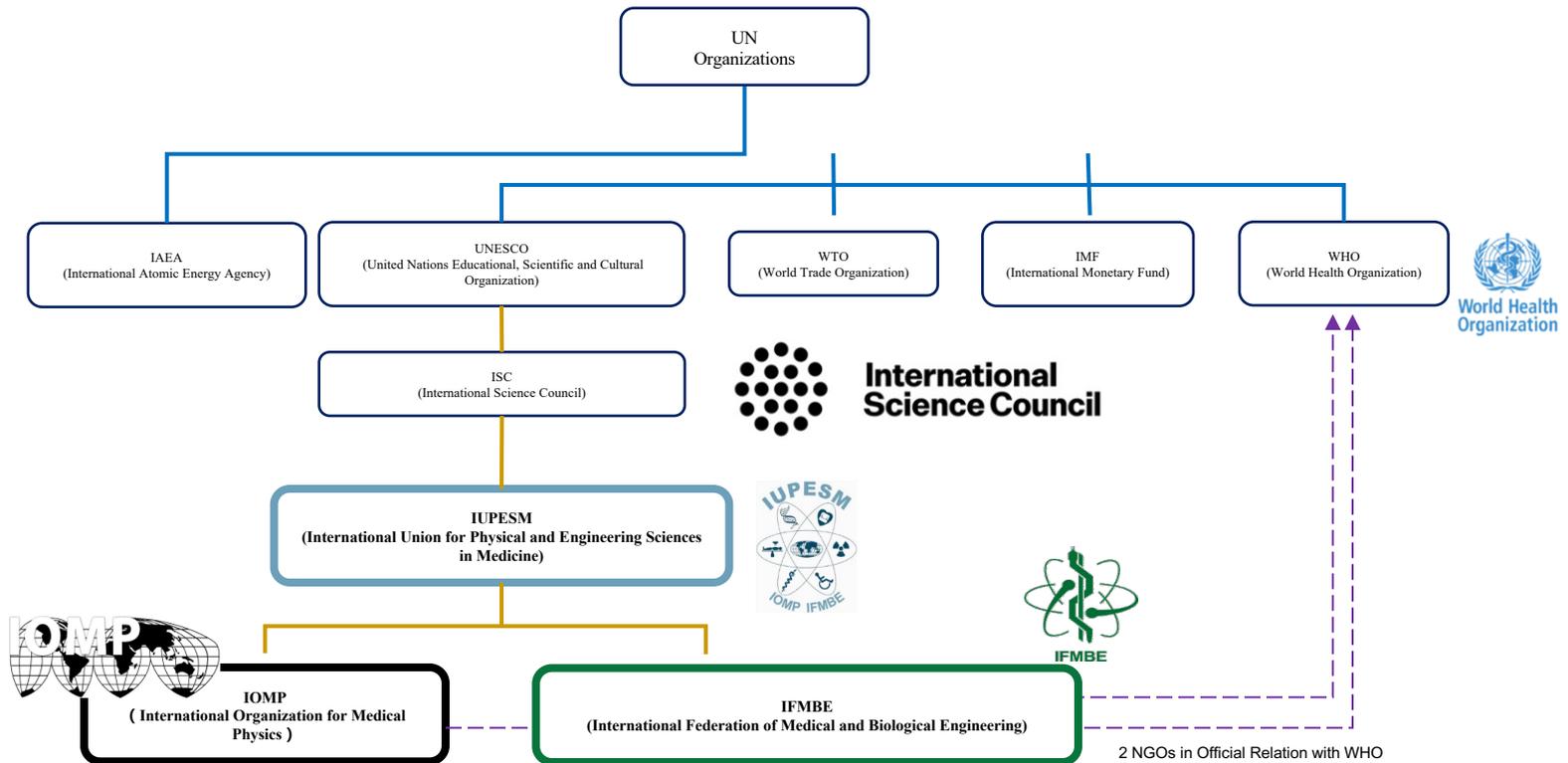
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# BME Ecosystem







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Home

About IFMBE

Organisation Structure

Publications

Events

Awards

Members



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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