

IFMBE ELECTION 2025: FORM FOR NOMINATION OF CANDIDATES

IFMBE Constituent Society	Biomedical Engineering Society (Singapore)
President of the Constituent Society	Raye Yeow
Secretary of the Constituent Society	Peck-Ha Tan
e-mail address for contact	rayeow@nus.edu.sg
Society: National or Transnational	National

Open positions in IFMBE:

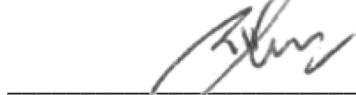
- a) Vice-president (Term of office: 2025 -2028)
- b) Secretary General (Term of office: 2025 -2028)
- c) Treasurer (Term of office: 2025 -2028)
- d) Council of Societies Chair (Term of office: 2025 -2028)
- e) Ordinary Administrative Council member (three positions) (Term of office: 2025 -2031)
- f) Regional Group Representative for each region below in random order (Term of office: 2025 -2028):
 - i. Europe,
 - ii. Africa,
 - iii. Asia-Pacific,
 - iv. North America,
 - v. Latin America
- g) Clinical Engineering Division Board member (5 positions) (Term of office: 2025 -2028)
- h) Health Technology Assessment Division Board member (5 positions) (Term of office: 2025 -2028)
- i) Digital Health Division Board member (10 positions) (Term of office: 2025 -2028)

Our Society nominates the following members for the open positions within the IFMBE

(Please add rows as needed):

Name of Nominee	Nominated for the Position of:	Current position in IFMBE	Highest position held in the Constituent Society
Raye Yeow	Ordinary Administrative Council member	Organizing Chair, IFMBE Toh Siew Lok Student Design Award 2022 and 2025, IFMBE Awards Committee	President

I confirm that all the nominees listed above are members of our national/transnational Society.



Signature of Biomedical Engineering Society (Singapore) Secretary

26 February 2025

Date

The nominee information form on pages 2-4 should be filled in and signed for each Nominee. Fully completed Nomination documents should be saved in pdf format and submitted to the IFMBE Secretary General nominations@ifmbe.org

Closing Date for Submission of Nominations: 15th March 2025**Nominee Information Form**

Nominated for the position of:	Ordinary Administrative Council member
Name of Nominee	Raye Yeow
Constituent Society:	Biomedical Engineering Society (Singapore)

Brief Biography of Nominee (not to exceed 200 words)

Raye Yeow is one of the leading advocates in biomedical engineering (BME) education, outreach, and innovation, dedicated to advancing healthcare technology and mentoring next-generation early-career researchers. As Dean's Chair Professor at NUS, he has driven advancements in medical robotics, soft robotics, and AI-driven healthcare solutions. His leadership in curriculum development, including establishing a robotics specialization for BME students, has equipped students with advanced medical robotics skills. As Deputy Head (Outreach & Industry), he has connected over 2,000 students with 60+ biomedical companies, ensuring real-world exposure and career readiness.

Beyond academia, Raye is President of the Biomedical Engineering Society (Singapore) and Chair of the MedTech Startup Professionals Community, where he fosters young talent and industry collaborations. He actively bridges BME students, alumni, and industry through national engagement activities, including networking events, student-industry dialogues, and startup mentorship. As co-founder of multiple startups, including Rocesio Technologies, RO+, and ArmasTec, he has helped translate cutting-edge research into real-world applications, with innovations such as EsoGLOVE, now used in 27+ countries and 50+ hospitals. His leadership in international conferences such as ICBME and RoboSoft, along with his editorial contributions to Soft Robotics and Advanced Robotics Research, underscores his dedication to advancing BME education, outreach, and innovation.

Nominee's Position Statement (not to exceed 200 words) (do not include CV)

If elected as an Administrative Council member of IFMBE, I am committed to strengthening biomedical engineering (BME) education, industry engagement, and global collaboration to drive impactful healthcare innovations. As President of the Biomedical Engineering Society (Singapore), Deputy Head (Outreach & Industry) at NUS, and Chair of the MedTech Startup Professionals Community, I have actively built bridges between students, researchers, industry leaders, venture capitalists, hospitals, manufacturers, regulatory bodies, and government agencies within the medtech ecosystem, ensuring that BME advancements translate into real-world solutions.

I aim to enhance global knowledge exchange, interdisciplinary collaboration, professional development, and entrepreneurial opportunities for biomedical engineers at all career stages. I will advocate for stronger academic-industry partnerships, supporting young researchers and entrepreneurs in bringing innovations from lab to market. Additionally, I seek to expand IFMBE's outreach through inclusive mentorship programs, student-industry networking platforms, and technology commercialization initiatives, ensuring that biomedical engineers worldwide have access to purposeful resources that maximize their impact in healthcare.

With my background in medical robotics, soft robotics, and AI-driven healthcare solutions, along with leadership in ICBME and RoboSoft, I am eager to contribute to IFMBE's mission to advance biomedical engineering for the betterment of healthcare worldwide and the benefit of society.



Nominee's Photo (recommended size (48 x 33 mm))




INTERNATIONAL FEDERATION FOR MEDICAL AND BIOLOGICAL ENGINEERING

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

www.ifmbe.org

Declaration by Nominee: I agree to have my name placed on the list of nominated candidates for the above-mentioned open position, and if elected, to serve in IFMBE for the specified term.

Nominee's Signature			
Nominee's Business Address	Engineering Block 4, #04-08, 4 Engineering Drive 3, Singapore 117583		
Nominee's Mobile Phone Number	+65 97873585	Email address	rayeow@nus.edu.sg