

## TAB HALL OF HONOR RECIPIENT NOMINATION FORM



**CANDIDATE NAME:** José M F Moura

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**BIOGRAPHY:** **José M. F. Moura** holds an EE degree from Instituto Superior Técnico (IST), Lisbon, Portugal, MSc, EE, and DSc in EECS degrees from MIT, MA, USA. His expertise is Signal, Image, and Graph Signal Processing, and Data Science. Technology of two of his 16 patents (issued by the USPTO) is in the harddisk

drives of all computers sold since 2003 (over 3 billion), subject of a \$750 Million settlement between CMU and a chip manufacturer (largest IP settlement ever in the IT area). He is a Fellow of the IEEE, AAAS, and US National Academy of Inventors, corresponding member of Academia das Ciências, Portugal, member of the US National Academy of Engineering. He received honorary degrees from University of Strathclyde, UK, and Universidade de Lisboa, Portugal, and the Great Cross of the Order of The Infante D. Henrique bestowed to him by the President of the Republic of Portugal.

**CITATION:** For launching and leading TAB and IEEE to adopt financial and governance transparency and adopt diversity, inclusion, and ethics policies.

### **DESCRIPTION OF ACCOMPLISHMENT(S) RELATIVE TO MAJOR CONTRIBUTION(S) TO IEEE TECHNICAL ACTIVITIES**

José Moura started his TAB activities in 2002 with TAB Periodicals Review Committee. Since then, he served TAB and IEEE in many capacities, including Division IX Director, 2016 VP TAB, 2019 IEEE President and CEO. He was an early champion of Xplore, launching and leading in 1999 SPS to digitize all its publications since 1948 (workshops, conferences, journals, magazine, newsletters) and then integrating all this content in Xplore (first such comprehensive XPLORE collection). Further:

- On Financial Transparency and balanced budgets: With Ray Liu, José Moura presented to TAB the June 2013 approved Financial Transparency motion to discriminate all IEEE corporate overhead charges and all production/ services costs inputted to TAB. Building on his 2015 VP TAB Elect election platform (in 2014), his 2018 IEEE President Elect election platform (in 2017) promised to “address the many multi-million dollar deficit of IEEE’s operational budgets” and “develop a transparent financial system that explains where each dollar is spent, roots out waste, promotes efficiency, and reduces costs without affecting the quality of products and services.” In 2019, he appointed the Board ad-hoc on financial transparency (Chair Lillie) and the Board approved in Nov 2019, NextGen to overall IEEE financial systems promising full budget transparency. IEEE went from \$10M—\$20 M operation deficits to \$32M and \$49M operating surplus in 2018 and 2019.

- On Diversity & Inclusion and Ethics: As 2016 VP TAB, he appointed the 1<sup>st</sup> TAB ad-hoc on D&I (Chair Goldsmith)—now a TAB committee reporting to TAB SPC. In 2019, he appointed the 1<sup>st</sup> IEEE ad-hoc on D&E and Ethics (Chair Goldsmith). This led to IEEE Board approving new diversity statement included in IEEE policies, to overall the IEEE Code of Ethics, revisions on professional ethics, ethics processes, and D&I, and establishing new Conduct Review Committee within EMCC.

## **YEAR(S) OF ACCOMPLISHMENT(S): 2013-2021**

### **RELEVANT IEEE ACTIVITIES:**

To achieve completion, several of José Moura's initiatives launched in TAB were continued at IEEE Board level during his presidency.

- IEEE President and CEO—2019 (Elect 2018; Past 2020), appointed several ad-hocs; beyond the Financial Transparency and the D&I&E, see above, he appointed others, including 1) on New Engagement Model (expanding the 2016 TAB ad-hoc on Membership) (Chairs Liu and Gross) to expand IEEE engagements with technical communities (Board approved new *IEEE Mobile Strategy*, with IEEE app as first product), and 2) on Transparency in Meetings, Documents, and Elections (Chair Verboncoeur) with an overall of Election Oversight Committee with major changes on referenda and protection of rights of units to express their support or opposition, addressing the many issues raised with the 2016 constitutional amendment.
- IEEE Vice President – Technical Activities, 2016 (Elect 2015; Past 2017), appointed several ad-hocs, including one on Membership (jointly with MGA, Kosuge and Polavarapu), Women & URM (Goldsmith and Radulescu), on New Business Models and Services (Chair Liu) (3 sub ad-hocs, on Transparency (Tan), Service Center Models (Fuji), and New Businesses (Liu)), Education (Kovacevic), East Africa (Ward), on 2030 (Verboncoeur), on New Type Events. He appointed the 1<sup>st</sup> TAB Assistant Treasurer that became the 1<sup>st</sup> woman TAB Treasurer.
- IEEE Awards Board representing TAB 2012, member 2103-14
- Board of Directors as Division IX Director (2012—13 (Elect 11))
- IEEE Signal Processing Society President (2008-09)
- Co-proponent and Co-Chair with David Belanger of 2014 Big Data NIC supported initiative that led to new big data medical standards and data management standards, new conferences, publications, and Dataport
- PSPB as Vice Chair representing TAB (2008), member (2011-12)
- EAB member (2010)
- TAB Transactions Committee Chair (2003)
- TAB Publications Review Committee (2002-2007)
- Launched and led Signal Processing Society initiative of digitizing all SPS content and incorporated it in Xplore (1999-2000)