

AGM 2024/2025

Candidates' Profiles



Bonnie Attard is a warranted mechanical engineer. She graduated from the University of Malta in 2012 and holds a PhD from the University of Birmingham on additive manufacturing of superalloys for jet engines. She started her career as an R&D engineer within the medical product manufacturing industry. Following that she worked as a systems engineer with the Institute of Sustainable Energy. She has been working in academia since 2020, initially with the Department of Metallurgy and Materials Engineering at the University of Malta and currently with the Institute for Engineering and Transport at the Malta College of Arts, Science & Technology. Her current research interests focus on the application of additive manufacturing for the manufacturing materials in the transportation sector.

Bonnie has held the role of Secretary General within the Executive Council of the Chamber of Engineers since 2021. A large part of her effort is dedicated to promoting initiatives that inspire greater student interest in the engineering profession. She has also played an active role in strengthening the bond between the Chamber of Engineers and the professional engineering community, while working to highlight the needs of the profession. Bonnie is being nominated for another term on the council and would be deeply honoured to continue building on her work to elevate the profession to the recognition it truly deserves.



Meriel Ann Borg earned a B.Eng.(Hons) in Mechanical Engineering from the University of Malta in 2006 and started her career as a Quality Engineer at STMicroelectronics. In 2008, Meriel transitioned into the aviation sector as a Quality Auditor with Lufthansa Technik. By 2016, valuable experience in aviation took her into a management role as the Standards Management Team and Production Training Manager where she led a team responsible for the final aircraft inspections and overseeing the training and development of aircraft mechanics.

In 2020, she assumed the role of Tooling and Equipment Manager, currently leading a team of 20 people, to ensure that all tools used in aircraft maintenance comply with stringent standards for testing,

calibration, and preventive maintenance. Meriel is engaged in several projects related to tool procurement, aimed at enhancing the company's capabilities and managing contracts.

She served as president of the Sport and Social Club for nine years, leading the committee in overseeing the company's corporate and social responsibility initiatives, while also organizing events for employees and their families. Throughout her aviation career, Meriel also took part in various talks and public presentations, advocating for engineering careers and STEM popularisation.



Maurizio Cappello is a graduate mechanical engineer holding a Master of Business Administration. He has the role of Director of Engineering & Maintenance at Teva Pharmaceuticals, a global leader in generics and biopharmaceuticals. Maurizio Cappello has been working in the Pharmaceutical Sector for these last 24 years holding various roles with engineering and operations. He was leading the Teva Eastern European sites for engineering for several years. Maurizio also held positions of site Head of Engineering & Maintenance at other Teva European sites in Italy and Netherlands.

Within Teva he was responsible for the implementation of a KPI dashboard for all global sites, as well managed other projects both locally and at a global level. Maurizio is also a long-standing member of BIETA (Bulebel Industrial Estate Tenants Association) and has been holding the position of General Secretary for the past few years.



Stefania Cristina is a warranted engineer who graduated from the University of Malta in 2008 with a B.Eng.(Hons) degree in Electrical Engineering, followed by an M.Sc. by Research in 2010 and a Ph.D. in Engineering in 2016. She is currently a Senior Lecturer with the Department of Systems and Control Engineering at the University of Malta. With over 16 years of experience in computer vision and image processing, Stefania actively contributes to these fields through research that focuses on eye-gaze tracking for human-computer interaction, video-based human motion analysis, thermal image analysis, and document binarisation.

Beyond her academic and research endeavours, Stefania has also been committed to promoting the engineering profession. She has served as Chair of the Institution of Engineering and Technology's (IET) Vision and Imaging Technical Network, and as Chair of the Malta Group of Professional Engineering Institutions (MGPEI).



Jean-Marie Darmanin graduated from the University of Malta in 2011 with a B.Eng.(Hons) Degree followed by a Master by Research in ICT with the Department of Micro and Nano Electronics from the University of Malta in which he graduated in 2013. The focus of both Undergraduate and Master Programmes was on MEMS Accelerometer design, which led him to work with two leading companies of the consumer MEMS Market in three different locations: Kirkop (MT), Milan (IT), and Kusterdingen (DE). In these locations he had the opportunity to delve into Semiconductor R&D, MEMS Sensor Product Development and High-Volume MEMS Production Oversight.

Currently Jean-Marie is a Business Continuity Planner at the Malta International Airport where his core focus is applying his engineering know-how on the implementation and continuous improvement of a Business Continuity Management System according to ISO 22301:2019. Giving back to the community is something of great importance to Jean-Marie. Within the local engineering community Jean-Marie is part of the Editorial Board of Engineering Today and is active in the various events held by the Chamber of Engineers aimed at encouraging student uptake into the engineering field. Jean-Marie is being nominated to become part of the CoE Executive Council and would like to continue the work done by past Council Executives and bring fresh energy.



Ryan Grixti is a Solutions Architect at Epic Malta, where he has been working since November 2021. In this role, he transforms business needs into technical solutions, oversees digital transformation projects, manages stakeholder negotiations, and ensures seamless project integration. He also represents technology teams as an employee representative. Before this, Ryan was a Marketing Insights Specialist at Foster Clark Products Ltd, where he led market research and provided data-driven insights to support key markets across Africa, the Middle East, and Asia.

Prior to this role, he spent over seven years at STMicroelectronics, where he held positions such as Manufacturing AI and Data Analytics Manager. There, he implemented IoT and machine learning technologies for predictive maintenance and led quality improvement initiatives. As Product Engineering Team Lead, he worked with clients like Samsung, Apple, and Google on MEMS sensor testing and process optimization.

Ryan holds a Master's degree in Microelectronics and Microsystems and a Bachelor's degree in Communications and Computer Engineering from the University of Malta. He received his Engineering Warrant in 2017, officially recognizing him as a licensed Engineer. He also serves as Policy Affairs Secretary for the Chamber of Engineers, contributing to the advancement of the profession in Malta.



Johan A. Psaila is a warranted mechanical engineer who graduated from the University of Malta in 2003 and holds a postgraduate diploma in Building Services Engineering from the University of Brunel, UK. He attended several courses in the UK to further his knowledge in Fire Engineering & Fire Risk Assessments, Building Acoustics Measurement & Workplace Noise Risk Assessments, Liquefied Petroleum Gas systems and Petrol Filling Stations construction. Johan is qualified to carry out risk assessments of LPG installations, fuel stations and liquid fuel secondary storages. He is also an Energy Auditor, Energy Performance Assessor of Buildings for Dwellings & Commercial Premises and a registered air-conditioning and heating systems inspector in Malta.

Between 2003 and 2010 he worked as a building services engineer with a leading engineering consultancy carrying full design of various building services, fuel secondary storage installations and Petrol Filling Stations. From May 2010 till February 2015, Johan has occupied the position of Projects Engineering Executive with a building services contractor and a refrigeration company. Currently he is a freelance fire and building services engineering consultant at Ing. Johan A. Psaila & Associates. In addition, he is a visiting lecturer within the Faculty of Engineering at the University of Malta, delivering lectures in Fire Engineering. In November 2021, he was appointed as a member of the Building & Construction Tribunal (BCT) and in November 2024, he was re-appointed. Johan served on the executive council of the Chamber of Engineers since 2011 as International Affairs Secretary, Education and Training Secretary and more recently as Treasurer.



Steph Borg is in her 2nd year of undergraduate studies reading for a Bachelor in Mechanical Engineering from the University of Malta. Throughout these past two years, she has done her best to give students a voice within our faculty, improve their connection with industry, and work towards the improvement of a holistic student life at university. She has done this both as an individual, and as part of UESA, the University Engineering Students' Association, for which she has served for two consecutive terms. She currently holds the role of Vice-President within UESA. She has also worked as an engineering student intern with Methode Electronics Malta Ltd for the past two and half years. This experience has given her insight into the workplace environment and provided additional hands-on experience.

Her goal as student representative within the Chamber of Engineers is to be a voice to the engineering student community and increase youth engagement within the engineering sector in Malta.