

ENGINEERING THE NEXT DECADE

ADVANCING SMART INDUSTRY & SUSTAINABLE INFRASTRUCTURE

Conference Programme

- 08:30 **Registration**
- 09:00 **Opening Address**
Dr Ing. Bonnie Attard
President, Chamber of Engineers
- 09:10 **Address by the Permanent Secretary**
Mr Bjorn Callus
Permanent Secretary, Ministry for Transport, Infrastructure & Public Works
- 09:20 **Address by the Shadow Minister**
Hon. Dr Bernard Grech
Shadow Minister for Infrastructure & Capital Projects

Session 1 : Digital Transformation and Operational Intelligence in Industry

- 09:30 **AI Without the Illusions: Real world lessons on how
Engineers Can Use AI Safely, Legally and Effectively**
Mr Finian Massa
Strategic Marketing Manager, ICT Solutions



- 09:45 **Silicon Is The New Steel**
Ing. Kevin Formosa
Senior Manager, STMicroelectronics
- 10:00 **Tech.mt's Growth and Support Initiatives**
Mr Karl Gauci
Senior Business Development Manager, Tech.mt
- 10:15 **Autonomous Adversaries: Engineering AI-Driven Malware in Industrial Systems**
Mr Keith Cutajar
Founder & Director, CY4 (on behalf of Spiral Insurance Brokers)
- 10:35 **Panel Discussion: Data Engineering as an Operational Advantage**
Moderator: Prof. Ing. Edward Gatt
Professor, Microelectronics and Nanoelectronics, Faculty of ICT, UM
Panelists:
- Ing. James Attard Kingswell
Founder, Kingswell Innovation
- Ing. Samantha Runco
Head, Technical Support Unit, Malta Enterprise
- Ing. Thelma Bonello
3DEXPERIENCE & Engineering Tools Strategy Global Manager, Methode
- Dr Denis Cutajar
Technical Lead, Lemonworx
- Mr Gavril Flores
Chief Officer, MDIA
- 11:35 **Coffee Break**



Session 2: Intelligent Building Performance and Energy Optimisation

- 12:05 **Applying AI, Governance and Performance Disciplines in Different Industries**
Mr Ludwig Mallia
Head of Innovation, Bank of Valletta
- 12:20 **From Automation to Integration: unlocking real Building Performance**
Ing. Simon Abela
Senior Project Manager, ESI Malta
- 12:35 **Panel Discussion: Advances in Intelligent Building Performance and Energy Optimisation**
Moderator: Ing. Christine Costa
Senior Lecturer, Researcher & Institute Coordinator, MCAST
Panelists:
- Prof. Ing. Paul Refalo
Associate Professor, Department of Industrial and Manufacturing Engineering, Faculty of Engineering, UM
- Ms Katrina Attard
Group CEO, Panta Group
- Mr Christopher Demicoli
General Manager, APCO
- Perit Greta Caruana Smith
President, MEEREA
- Mr Christian Fenech
Manager, Regulations & EU Affairs, REWS
- 13:35 **Networking Lunch Sponsored By ESS**



Session 3: Resilient Design in Industry and Infrastructure

- 14:55 **Every Future has a Past: The Relevance of Industrial Heritage**
Prof. Inġ. Robert Ghirlando
Senior Fellow, Faculty of Engineering, UM
- 15:10 **Xjenza Malta R&I Funding**
Dr Melchior Cini
Director, R&I Unit, Xjenza
- 15:25 **Projects - Interconnect Malta**
Inġ. Ismail D'Amato
Chief Executive Officer, Interconnect Malta
- 15:40 **Panel Discussion: Building Resilient Systems: From Industry to National Infrastructure**
Moderator: Inġ. Kenneth Fonk
Senior Partner, Building Services, QP
Panelists:
- Ms Emma Galea Frendo
Director, Global Engineering and Labelling, Vantive
- Perit Roderick Bonnici
CEO, BCA
- Inġ. Joseph Borg
Senior Manager, Engineering, OHSA
- Ms Karen Zerafa
Chief Operations Officer, Transport Malta
- Mr Bede Payne
Senior Manager, Growth, Deloitte

16:40 **Closing Remarks**
Ing. Meriel Ann Borg
Activities Secretary, Chamber of Engineers

16:50 **Networking Drinks Powered By ICT Solutions**

