

# BCS PHCSG 44<sup>TH</sup> Annual Conference, Education Day & AGM

Education Day Presentation

Thursday 14<sup>th</sup> of November 2025

# Report on Medical Informatics Europe from BCS PHCSG Julian Costello Travel Award Winner 2025 - From Primary Care to EFMI MIE 2025

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BCS Primary Health Care Specialist Group (PHCSG)

# Outline

- Introduction- my journey
- The PHCSG - who we are and what we do; who can join
- The Julian Costello Award & PHCSG
- Importance of networking
- EFMI MIE 2025 (Medical Informatics Europe 2025 ) - "Intelligent Health Systems: From Technology to Data and Knowledge."
- Insights from the MIE 2025
- MIE 2026 - **Upcoming MIE Conferences:**
- **36th Medical Informatics Europe Conference (#MIE2026) – Genova, Italy, 25 to 28 May 2026**  
(<https://mie2026.efmi.org/>)
- Questions

# My Journey: From GP Surgery to MIE

Let me walk you through it!

# The Julian Costello Award & PHCSG

- The BCS Primary Health Care Specialist Group (PHCSG) connects clinicians, informaticians, and technologists.
- The Julian Costello Award supports early-career professionals to attend international informatics conferences.
- This award enabled my participation at MIE 2025 — opening doors to collaboration and mentorship.

# Importance of Networking



HOW I GOT TO KNOW ABOUT THE  
APPLICATION FOR THE AWARD



THE IMPORTANCE OF NETWORKING  
CAN NOT BE OVEREMPHASISED

# EFMI MIE 2025

EFMI(European Federation for Medical Informatics) MIE 2025  
(Medical Informatics Europe 2025 )  
theme- "Intelligent Health Systems:  
From Technology to Data and  
Knowledge."

(....where to add picture from the )

# MIE 2025 Day 1 Highlights Setting the scene

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Organised by EFMI, BCS, The Chartered Institute for IT with local organisation by the MCO Group.

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Venue: The Technology & Innovation Centre,  
University of Strathclyde, Glasgow, Scotland

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Time: 19-21 May 2025.

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Opening ceremony by Prof. Philip Scott, the MIE 2025 Conference Director, along with Drs. Elisavet Andrikopoulou and Paris Gallos, the SPC co-chairs.

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Symbolic "handing of the baton": Prof. John Mantas, the previous MIE 2024 chair, passed responsibilities to Prof. Scott.

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Opening ceremony with Prof. Philip Scott, Prof. John Mantas, and Dr John Harden.



# MIE DAY 1 Highlights (Continued)

- Dr Harden's message (on behalf of the Scottish Government and NHS Scotland): 'Today's rain is tomorrow's whisky' — symbolising the long-term value of digital transformation
- Dr. Lars Lindsköld, President of the EFMI - An important quote: "humans need humans to become humans"

# MIE DAY 1 Highlights (Continued)

- The keynote by Prof. Charles Friedman: "AI is a means, not an end."
- Mobilising Computable Biomedical Knowledge (MCBK) initiative as a means to achieve the next revolution that would result in a FAIR (FAIR (Findable, Accessible, Interoperable, Reusable) computable biomedical knowledge
- Civic Reception at Glasgow City Chambers

# MIE Day 2 Highlights

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Many presentations but those I attended focused on the evolving intersection of digital health and primary care.

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Cecilia A Okusi shared development insights from modelling digital maturity at the Oxford-RCGP Research and Surveillance Centre (RSC), a valuable lens on how we assess and scale readiness for digital innovation in general practice.

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Philip Scott's session on **computable knowledge and decision support** was a great reminder: **it's not just about data, but how we turn it into meaningful clinical action!**

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I also attended a fascinating session on using **machine learning for anomaly detection (AD) in epidemiological time series** — an exciting direction for early warning systems (EWS) and public health surveillance.

# MIE Day 2 Highlights (Continued)

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Gavin Jamie , Simon de Lusignan, John Robinson and Dai Evans presented on **Population Health and One Health — challenges in clinical concept curation** — introducing me to the OMOP (Observational Medical Outcomes Partnership) approach. As an early career informatician, some terms were new, but it sparked curiosity and helped me spot knowledge gaps I'm now keen to close.

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Dana Goebel's afternoon session on **AI-based communication in general practice** explored patient perceptions of AI replacing human contact. As expected, younger patients (digital natives) were more accepting, but there was still a strong preference for human interaction across the board. The message was clear: AI in primary care is inevitable but must always remain human-centred.

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**Congress Dinner at Trades Hall-** great conversations, meal and dancing

# MIE Day 3 Insights

- How AI enhanced low-resolution skin images support skin cancer detection.
- Keynote from Prof. Kathrin Cresswell was a highlight — tackling the realities of digital transformation: shifting governance, stakeholder tensions, and the delicate balance between national strategies and local implementation.

## MIE DAY 3 INSIGHTS

- Session on polypharmacy by Jung Yin Tsang: numbers of medications aren't everything! What's crucial is ensuring medication is appropriate and beneficial to the patient.
- Another key theme was equitable digital health design. I learned from a project tailoring SMS-based hypertension support for South Asian patients, which emphasised early identification of tech barriers and engaging carers and stakeholders from the outset.
- I also dropped into the Nursing Informatics track — it was insightful to see their framing of nurses as digital navigators and how their perspectives are shaping cross-sector digital progress.

# Other Insights



MET ELIA LIMA-WALTON, MD, PA ,  
PRINCIPAL PRODUCT MANAGER  
HEALTHCARE GENERATIVE AI, MAYO  
CLINIC, WHO WAS INCREDIBLY  
APPROACHABLE AND DOWN TO EARTH.



REFLECTIVE MOMENT AT THE PODIUM

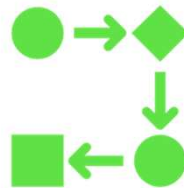


MADE FRIENDS, TOOK PHOTOS AND  
LEARNT HOW TO USE CHOPSTICKS  
PROPERLY.

# A Moment of Vision



Standing by the MIE podium,  
I visualised returning one  
day to present my own work.



Leadership begins with  
curiosity and small steps.



From listener to contributor  
— that's the journey.



# Lessons I Took Home



Connection – The power of community and conversation.



'AI is a means, not an end.'  
AI in primary care is inevitable — but it must remain human-centred.



Knowledge – From FAIR principles to practical action.



Inspiration – Small steps lead to leadership.

# Get Involved with BCS PHCSG



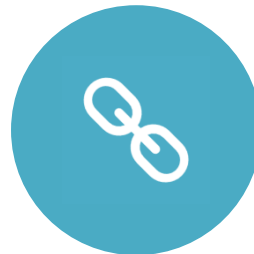
Join PHCSG and connect with a supportive digital health community.



Contribute to blogs, QI projects, or conference abstracts.



Attend the PHCSG conferences and future MIE events.



• QR code or link:  
[www.phcsg.org](http://www.phcsg.org)

# Closing Reflections & Special Thanks

## Gratitude:

Thank you to FEDIP, BCS PHCSG, mentors, and colleagues for your unwavering support. What we build today will shape the care of tomorrow.

## Special Thanks:

Alan Thompson – PHCSG

John Robinson – Past Chair, BCS PHCSG

Alan Hoogewerf – Head of Health and Care, BCS

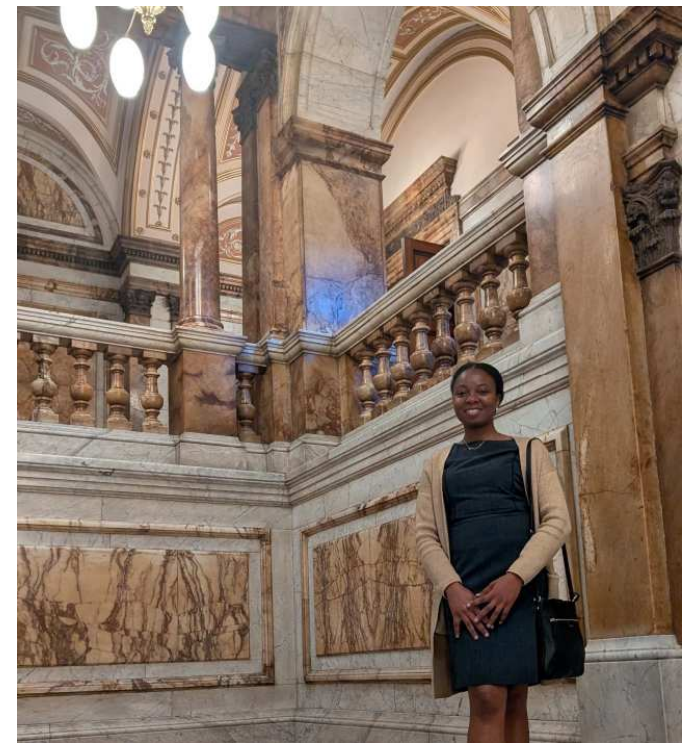
Andrew Griffith – FEDIP

Kim Bellis – Programme Manager, FEDIP

...and everyone who made this journey possible.

*Final Thought:* Leadership begins with *curiosity and small steps.*









Questions