

مائة عام من الريادة والتميز

*One hundred years of leadership and excellence*

*1925 - 2025*

**The International day of Women in  
Mathematics Celebration**

**May 10, 2025 Ibn Sina Hall**



## Faculty of Science 100<sup>th</sup> Anniversary

### The Network for Arab Women in Mathematics Initiative

# The International Day of Women in Mathematics

**Theme: "Mathematics Knows No Borders: Arab Women Breaking the Barriers"**

#### Call for registration

On the occasion of the International Day of Women in Mathematics, May 12, the Egyptian Women in Mathematics Association (EWMA) is organizing a one-day workshop hosted by the Faculty of Science, Cairo University, within the Faculty of Science's 100th Anniversary. The event is supported by the International Mathematical Union, the Academy of Scientific Research and Technology, and the Egyptian Mathematical Society. It gives EWMA great pleasure to cordially invite the whole mathematics society to participate and join the launch for the Network for Arab Women in Mathematics Initiative in this event.

#### Organizing Committee



Prof. Zeinab Mansour  
Cairo University



Prof. Amany Aly  
Helwan University



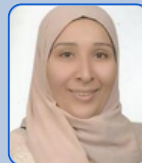
Prof. Sara Abdelsalam  
The British University in Egypt



Prof. Khaled Mekheimer  
Al-Azhar University



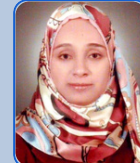
Prof. Nasser Swelam  
Cairo University



Dr. Eman Elghamry  
Tanta University



Dr. Sameh Basha  
Cairo University



Dr. Enas Shehata  
Menoufia University



Dr. Hanaa Moussa  
Galala University



Dr. Hanem Farouk  
Tanta University



Dr. Aya Massoud  
Ain Shams University



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**May 10, 2025**



**10 AM - 6 PM**



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# The Network for Arab Women in Mathematics Initiative Faculty of Science 100<sup>th</sup> Anniversary The International Day of Women in Mathematics

in honor of

## Professor Entisarat El-Shobaky



( Jun. 1944 - Nov. 2020)

**Prof. Entisarat** was a professor of mathematics and former head of the Mathematics Department at Ain Shams University and a founding member of the Egyptian Mathematical Society. She graduated with first-class honors in 1965 and earned a PhD in Functional Analysis from Friedrich Schiller University, Germany, in 1973. She established a scientific school in functional analysis, operator theory, and operations research and contributed to translating and reviewing key mathematical references.



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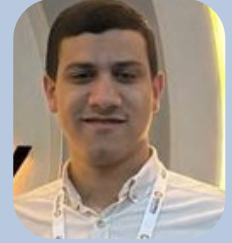
## Faculty of Science 100<sup>th</sup> Anniversary

### The International Day of Women in Mathematics Launching EWMA-EGMS Interactive Platform

A team of five undergraduate students from the Faculty of Science, Cairo University, along with front-end developer, is developing the platform under the supervision of Dr. Hossam Mohammed Hassan (Faculty of Science, Cairo University). The platform features the Network for Arab Women in Mathematics, a mentorship program, and student chapters.



Dr. Hossam Mohammad



Abd Elrhman Ahmed

Abd Elrhman Essam

Abd Elrhman Mohammed

Ahmed Safwat

Mahmoud Ahmed

Mohammed Ragab



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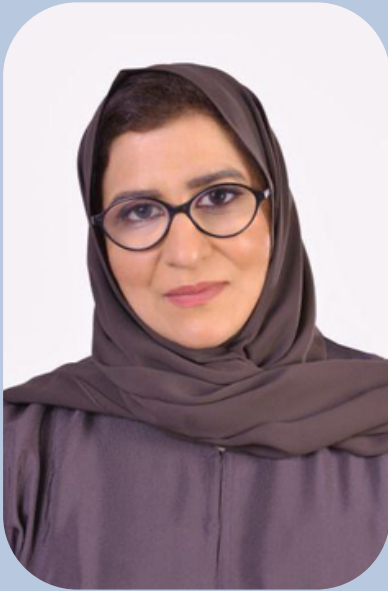
## Faculty of Science 100<sup>th</sup> Anniversary

The Network for Arab Women in Mathematics Initiative

# The International Day of Women in Mathematics

A Talk titled,

**Oman Mathematics Committee: Leading Excellence in Scientific Research and Educational Development of Mathematics in Sultanate of Oman**



**Dr. Magda Al Hinai**

**Dr. Magda Al Hinai** is an assistant professor at the Department of Mathematics, College of Science, Sultan Qaboos University. She is the Chair of the Oman Mathematics Committee and is also the director of the National Program for Nurturing Giftedness. She played a key role in founding and leading the Independent Learning Center at Sultan Qaboos University.



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## Faculty of Science 100<sup>th</sup> Anniversary

### The Network for Arab Women in Mathematics Initiative

# The International Day of Women in Mathematics

## A Talk titled,

## "Presentation of the UAE Association for Women in Mathematics"



**Dr. Lama Tarsissi**

**Dr. Lama** is an Associate Professor of Mathematics and Computer Science at Sorbonne University Abu Dhabi (SUAD), where she continues to contribute to both teaching and research. Her journey at SUAD began in 2021 when she joined as an Assistant Researcher in Mathematics and Computer Science. During the same year, she became a member of the Sorbonne Center for Artificial Intelligence (SCAI), actively participating in AI-driven research. In parallel with her work in Abu Dhabi, Dr. Lama has been an Associate Researcher in Computer Science at the Laboratoire d'Informatique Gaspard-Monge (LIGM, UMR 8049) in France since 2021, maintaining strong academic ties with international research communities. Her expertise is recognized through her Associate Professor qualification under CNU sections 25 & 27 in France. Additionally, she has received PhD equivalency in the United Arab Emirates, granting her a Golden Visa, a testament to her outstanding contributions to academia and research. With a distinguished career spanning multiple countries, Dr. Lama continues to advance the fields of mathematics, computer science, and artificial intelligence, shaping the future of research and education.



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# The International Day of Women in Mathematics

A Talk titled,

**"Collaboration as a Catalyst: Building Research Networks that Matter"**



**Dr. Irene S. Fahim**

**Dr. Irene S. Fahim** is an Associate Professor at Nile University, Director of the Smart Engineering Systems Research Center, and a Senior IEEE member. She leads initiatives in sustainability, gender equality in STEM, and capacity building, securing multiple grants for women in science and education. She holds patents in green technology and has received numerous national and international awards for her research in environmental sustainability. Actively engaged in global networks, she contributes to IEEE, Power Africa, and various scientific councils, fostering collaboration and innovation in engineering and sustainability.



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# The International Day of Women in Mathematics

A Talk titled,  
**Can Mathematics Address Egypt's Top Challenging Sectors: Traffic and Education?**



**Dr. Samah El-Tantawy**

**Dr. Samah El-Tantawy** is an associate professor at the Department of Engineering Mathematics and Physics, Faculty of Engineering, Cairo University. She also serves as the Co-Director of the Technical Center for Career Development. She earned her PhD in Intelligent Transportation Systems from the University of Toronto. She holds international patents that have been published in Mexico and the United States. In 2015, she received the University of Toronto Inventors Award, and in 2017, she was honored with the State Encouragement Award for Women from Egypt.



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# The International Day of Women in Mathematics

## Cairo University Mathematics Club

A Talk on the work of Maryam Mirzakhani and Emmy Noether



**Andrew Atef Fayek**



**Jannah Taha Darwish**



**Mariam Samir Al-Ghitany**



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**Prof. Dr. Mahmoud Abel-Aty**

**Professor Mahmoud Abdel-Aty** is the President of the Arab Impact Factor and Director of Ahlia University for Scientific Research and Graduate Studies, Bahrain. He is also Vice-President of the African Mathematical Union and the Egyptian Mathematical Society. Previously, he served as Vice-President of the African Academy of Sciences and Dean of Research at Applied Science University, Bahrain. He earned his Ph.D. in Quantum Optics from the Max-Planck-Institute, followed by a D.Sc. and HDS. His research focuses on quantum information, neural networks, and quantum modeling. He has over 300 publications, 13 book chapters, 4 books, multiple patents, and prestigious awards, including the Qin-Jiu-Shao Prize (China) and Mohamed bin Rashed Prize (UAE).



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# Faculty of Science 100<sup>th</sup> Anniversary

## The International Day of Women in Mathematics

### Panel Discussion Titled

### Expanding Opportunities: Empowering Arab Women in Mathematics

### through Networking and Institutional Support



**Prof. Mohamed Abdel-Aty**  
Sohag University – Egypt



**Dr. Irene Fahim**  
Nile University – Egypt



**Dr. Magda Al-Hinai**  
Sultan Qaboos  
University – Oman



**Dr. Lama Al-Tarsis**  
– Sorbonne University  
United Arab Emirates



**-Dr. Seham Al**  
**Makhlafi**  
Yemen



**Dr. Souhad Al-Masri**  
Palestine



**-Dr. maha Al**  
**Mutairi**  
Libya



**Dr. Sameh Basha**  
Cairo University  
Moderator