



## Day 1 — Technical Foundations & Applications

09:00 – 09:30	<p><b>Welcome and Opening Remarks</b> Prof. <b>Adil Hafidi Alaoui</b>, Director of the Higher School of Technology of Tetouan, Abdelmalek Essaâdi University, Morocco Prof. <b>Anil RoY</b>, IEEE Sensors Council President Prof. <b>Aboubakr El Hammoumi</b>, Higher School of Technology of Tetouan, Abdelmalek Essaâdi University, Morocco Prof. <b>Lobna A. Said</b>, Nile University, Egypt/ IEEE Sensors Council Collaboration &amp; Engagement Committee Member Moderator: <b>Loubaba Morarech</b>, Abdelmalek Essaâdi University</p>
09:30 – 10:00	<p><b>IEEE Sensors Council Overview</b> Prof. <b>Anil Roy</b>, IEEE Sensors Council President</p>
10:00 – 10:30	<p><b>Opportunities for Collaboration, Chapters, and Global Engagement</b> Prof. <b>Enakshi Bhattacharya</b>, IEEE Sensors Council Collaboration &amp; Engagement Committee Chair</p>
10:30 – 11:00	<p><b>Photography Session &amp; Coffee Break</b></p>
11:00 – 12:00	<p><b>AI-Driven Cybersecurity for Connected Vehicles and Roadside Sensing Infrastructure: Protecting Smart Mobility Sensor Networks from Emerging Cyber Threats</b> Prof. <b>Maxwell Addison</b>, Treasurer, IEEE Africa Council, University of Professional Studies, Accra, Ghana</p>
12:00 – 13:00	<p><b>Recent Advances in Smart Sensing for Solar Power Plant O&amp;M: A Focus on Soiling Sensors from R&amp;D to Industrial Deployment</b> Dr. <b>Massaab El Ydrissi</b>, INOOVX / Mohammed VI Polytechnic University, Morocco</p>
13:00 – 14:30	<p><b>Lunch Break</b></p>
14:30 – 15:15	<p><b>Rectenna Architecture Design for Intelligent Sensing Systems</b> Prof. <b>Jamal Zbitou</b>, ENSA, Abdelmalek Essaâdi University, Morocco</p>
15:15 – 16:00	<p><b>The Power of Invisible Sensing: Next-Gen Electromagnetic Frontiers in Health and Industry (Online)</b> Dr. <b>Anwasha Khasnobish</b>, Scientist, TCS Research, Kolkata</p>

16:00 – 16:30	<p><b>From Sensing to Sense-Making: Why Human Meaning Matters in Intelligent Systems</b> Dr. <b>Amro Ali</b>, UNESCO advisor for the Arab region</p>
16:30 – 17:00	<p><b>Open Discussion &amp; Networking</b></p>
<h2>Day 2 — Practice &amp; Collaboration</h2>	
09:30 – 10:15	<p><b>Fiber Optic Sensors for Healthcare Applications: Fundamentals, Applications, and Frontiers</b> Prof. <b>Paola Saccomandi</b>, Politecnico di Milano, Italy</p>
10:15 – 10:45	<p><b>Coffee Break</b></p>
10:45 – 11:30	<p><b>Smart Sensing Technologies for Precision Agriculture: X-Ray Fluorescence Sensors (X-Ray Tubes, Silicon Drift Detectors, and Embedded Intelligence)</b> Prof. <b>Mohamed Benaly</b>, ENSA, Abdelmalek Essaâdi University, Morocco</p>
11:30 – 12:30	<p><b>IEEE Engagement Session &amp; Pathways</b> Prof. <b>Aida El-Sabban</b>, IEEE Sensor Council, Egypt Chapter Chair</p>
12:30 – 13:15	<p><b>Quantum Sensing for Sustainable Infrastructure: Performance Evaluation, IoT Integration, and Future Directions (Online)</b> Dr. <b>Amina Aghanim</b>, LIQEA Laboratory, Moncton University, Canada</p>
13:30 – 15:00	<p><b>Lunch &amp; Networking</b></p>
15:00 – 15:30	<p><b>Panel Discussion: "South-to-South Collaboration in Sensors Research, Innovation, and Capacity Building"</b> <b>Moderator:</b> Prof. <b>Lobna A. Said</b>, Nile University, Egypt <b>Panelists:</b></p> <ul style="list-style-type: none"> <li>• Prof. <b>Maxwell Addison</b> (Ghana)</li> <li>• Prof. <b>Aida El-Sabban</b> (Egypt)</li> <li>• Prof. <b>Jamal Zbitou</b> (Morocco)</li> <li>• Dr. <b>Massaab El Ydrissi</b> (Morocco)</li> <li>• Dr. <b>Amro Ali</b> (Egypt/Morocco)</li> </ul>
15:30 – 16:00	<p><b>Closing Remarks and Next Steps</b> Prof. <b>Anil Roy</b>, IEEE Sensors Council President Prof. <b>Lobna A. Said</b>, IEEE Sensors Council Collaboration &amp; Engagement</p>
18:00 – 19:30	<p><b>City Walk – Guided Tour of the Medina of Tetouan</b></p>