



**Seminar “Building Envelopes and its Role in Saving Energy”**  
**26th, 27th of May 2024, HBRC**

<b>Seminar Day 1 (26th of May)</b>		
<b>Time</b>	<b>Session Title</b>	<b>Speaker</b>
9:00 am - 9:30 am	Registration	
9:30 am - 9:45 am	Welcoming Speech	<b>Prof. Mohamed Masood</b> , Chairman of Housing and Building National Research Center HBRC
9:45 am - 10:15 am	Saving Energy through Building Envelope from theory to practice	<b>Prof Hend Farrouh</b> , Director of Architecture and Housing Institute at Housing and Building National Research Center HBRC. Head of Sustainable Design for energy efficiency and renewable energy committee. Supervisor of the Environmental unit and green social housing project in the Social Housing Fund. National Project Manager of Grid Connected Small-scale solar systems.
10:15 am - 10:45 am	Climate changes and buildings envelopes	<b>Prof. Abbas Zafraany</b> , Professor of Environmental Design and Planning, Cairo University, Former Dean of the Faculty of Urban and Regional Planning, and Board Member of Egyptian Council for Green Building.
10:45 am - 11:15 am	Sponsor Speech	<b>Glass Rock</b>
11:15 am - 11:45 am	Exhibition Opening & Break	
11:45 am - 12:15 pm	Influence of Building Envelope on HVAC-Performance, Energy Efficiency, and IEQ, Indoor-Environmental-Quality	<b>Prof. Ahmed Medhat</b> , ASHRAE - RRL, Past -BOG Professor of Mechanical Power Engineering, at Housing and Building National Research Center HBRC, HVAC & FIRE - Engineering Consultant. Director of LUUKKI - Egypt
12:15 pm - 12:45 pm	Sponsor Speech	<b>Sphinx</b>
12:45 pm - 1:15 pm	Sponsor Speech	<b>Saint Gobain</b>

1:15 pm - 1:45 pm	Air Infiltration in Social Housing: comparing between the traditional and green models	<b>Associate Prof. Sherif Goubran</b> , Assistant Professor of Sustainable design, department of Architecture in the school of sciences and engineering, AUC
1:45 pm - 2:15 pm	Sponsor Speech	Zenon
2:15 pm - 2:30 pm	Startup Talks	

<b>Seminar Day 2 (27th of May)</b>		
9:00 am - 9:30 am	Registration	
9:30 am - 10:00 am	Energy Efficiency Impacts on Building Envelope, Application of Energy Performance Certificate as “A way forward to accelerate net Zero Emissions in Building and Construction sector”	<b>Prof. Ashraf Kamal</b> , Professor of Architecture, Urban Planning and Economics at Housing and Building National Research Center HBRC.
10:00 am - 10:30 am	Challenges of Sustainable Finance for Buildings and Appliances Energy Efficiency Projects	<b>Dr. Maged Mahmoud</b> , Regional Center for Renewable Energy and Energy Efficiency RECREE
10:30 am - 11:00 am	Code Requirement for Building Envelop	<b>Associate Prof. Mahmoud Abdelrazik</b> , Associate Professor of Building Physics Institute, and Fire Lab Manager, and Codes Department Manager at HBRC
11:00 am - 11:30 pm	Break	
11:30 am - 12:00 pm	Sponsor Speech	<b>Mena Country</b>
12:00 pm - 12:30 pm	Sound insulation for facade	<b>Prof Hoda Soliman Seddeq</b> , Professor in Acoustics Department, Technical Manager of the Acoustic Laboratory, Buildings Physics and Environmental Institute at HBRC
12:30 pm - 1:00 pm	Daylight and energy efficient Building envelope	<b>Dr. Marian Azmy Nessim</b> , Associate Professor at HBRC
1:00 pm - 2:00 pm	Startup Talks (Omran)	