

**SERIES 2 – WEBINAR ON  
“ THE STRUCTURAL ENGINEERING DESIGN AND CONSTRUCTION OF  
THE TALLEST BUILDING IN EUROPE LAKHTA CENTER,  
ST. PETERSBURG. RUSSIA”**

**Monday | 12 July 2021 | 3.00 p.m. – 5.00 p.m.**

## SYNOPSIS

The Lakhta Center is a Multifunction Complex Development (MFCD) consisting of 1) an 86 story office tower rising 462 m above the ground to provide high-end offices for Gazprom Neft and Gazprom Group affiliates 2) a Multi-Function Building (MFB) that includes, a scientific/ educational center, a sport center, a children's technopark, a planetarium, a multi-transformable hall, an exhibition center, shops, restaurants, and other public facilities 3) a Stylobate 4) “The Arch, which forms the main entrance to the tower, restaurants, and cafes 5) underground parking and 6) a wide range of large public plazas.



While each of the MFCD buildings is technically challenging in its own right, the focus of this talk is to present the development and integration of the structural and foundation systems of the bowed, tapered, and twisted shape of the tower into the fabric of the tallest Tower in Europe.



## **SPEAKER**

### **Mr Ahmad Abdelrazaq'**

SE, MASCE, FCTbuh

Executive Vice President, Samsung C & T Corporation

Since joining Samsung, he was involved in the design and construction planning of several local and international projects including Burj Khalifa; Samsung HQ office; 151-story Incheon Tower; 360 Tower, Mumbai; UIC and Tanjong Pagar in Singapore.

During his tenure at Samsung C&T, Mr. Abdelrazaq' held several positions including the Head of High-rise & Complex Building, and Head of Building Business Development (Marketing & Sales)/Technical Proposal Division, several operational positions as Executive Project Director of the Merdeka PNB118 Project, and the "Lakhta Center".

While during his tenure at SOM as an Associate Partner, his responsibilities included the design of several complex developments, long span structures, and ultra highrise towers, that included, but not limited the structural design of Burj Khalifa, Tower Palace III (Korea), Jin Mao Tower (Shanghai), Hotel De Artes, Spain, and Millennium Park Project, Chicago.

Ahmad Abdelrazaq' earned his B.S. (1984) and M.S. (1986) in Civil Engineering from the University of Texas.

### **Registration Fees**

**IEM Members : RM15.00 | Non-Members : RM70.00**

**CPD Hours : 2.0 | CPD No. : IEM21/138/T(w)**

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**NOT TO BE MISSED ...**

**by Mr Ahmad Abdelrazaq'**

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