



THE JOHNS HOPKINS UNIVERSITY
DEPARTMENT OF CIVIL AND SYSTEMS ENGINEERING
2023 RICHARD J. CARROLL MEMORIAL LECTURESHIP

URBAN ENGINEERING: NEW STRATEGIES FOR A RESILIENT AND SUSTAINABLE FUTURE

JEROME F. HAJJAR, PH.D., P.E.

CDM SMITH PROFESSOR AND DEPARTMENT CHAIR
DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING
NORTHEASTERN UNIVERSITY

**WED, MAR 8, 2023 5:30 P.M. EST
SPACE TELESCOPE SCIENCE INSTITUTE
JOHN BAHCALL AUDITORIUM**

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3700 SAN MARTIN DRIVE, BALTIMORE, MD 21218
FREE PARKING IN THE MULLER GARAGE ACROSS FROM THE INSTITUTE.**



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Jerome F. Hajjar is the CDM Smith Professor and department chair in the Department of Civil and Environmental Engineering at Northeastern University. He is also the director of the Laboratory for Structural Testing of Resilient and Sustainable Systems (STReSS Laboratory).

His research and teaching interests include analysis, experimental testing, and design of steel and composite steel/concrete building and bridge structures, regional modeling and assessment of infrastructure systems, and earthquake engineering.

Hajjar serves on the American Institute of Steel Construction (AISC) Committee on Specifications and several of its task committees, including chairing Task Committee 5 on Composite Design and the AISC Sustainability Committee. He is the president-elect of the American Society of Civil Engineers (ASCE) Structural Engineering Institute (SEI) and has served on the SEI Board of Governors and several other ASCE and SEI committees, including serving as the past-chair of the ASCE Department Heads Coordinating Council and as the ASCE Minnesota section president.

Hajjar was elected as a member of the National Academy of Engineering in 2022, was made a Fellow of ASCE in 2007 and of SEI in 2013, and has received numerous awards for his research and teaching. He is a registered professional engineer in Illinois and Minnesota.

RICHARD J. CARROLL MEMORIAL LECTURESHIP

The Richard J. Carroll Memorial Lectureship in Civil Engineering was established at Johns Hopkins University to commemorate one of Baltimore's leading structural engineers. The lectureship has been endowed by the many friends and admirers of Richard Carroll, who died in 1982. That endowment contributes to the ongoing guest seminars in the Department of Civil and Systems Engineering and provides for these special lectures.

Richard J. Carroll received his bachelor of civil engineering degree from Villanova University in 1955. He studied advanced structural design at Johns Hopkins University and George Washington University. He was chief structural engineer for the firms of Knoerle, Bender, Stone, and Associates, and Ewell, Bomhardt and Associates, and chief field engineer for the Portland Cement Association. In 1964, he founded his own firm, Carroll Engineering, Inc., which grew to 26 employees under his leadership. Mr. Carroll published several papers dealing with concrete use and design, with emphasis on post-tensioned and pre-stressed concrete. He also taught courses in ultimate strength design and plastic design in steel. He belonged to numerous professional societies. His untimely death at the age of 49 left a legacy of professionalism, integrity, and vigor.

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