

Tributes to Professor Phill Cartwright, Syndem's Non-Executive Director

CHICAGO, IL, USA, September 23, 2021 /EINPresswire.com/ -- Professor Phill Cartwright, a leading light of innovation in manufacturing of electrical and mechanical equipment, aerospace and construction industries, and Non-Executive Director of Syndem, has sadly passed away at the age of 54.

Over the last 35 years, Cartwright championed the role of innovation and new technology in a number of UK industries, supporting the realization of radical new approaches across a number of different businesses, organizations and trade bodies including some of the UK's most strategic important industries.



As well as his role as a Non-Executive Director at Syndem LLC, he was an advisory board member at Association for Consultancy and Engineering (ACE), chairman of [Lontra](#) and a senior advisor to consultancy and construction firm [Mace](#).

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*Qing-Chang Zhong, Syndem
Founder & CEO*

Across a long career across different UK industries, Phill spent six years as Head of Electrical Power and Control Systems at [Rolls-Royce](#), as well as roles delivering international power and energy infrastructure projects, integrated new technologies and manufacturing processes in China, India, Brazil and USA with ABB, Alstom and Areva, which provided the foundations for the company's leading role in the next era of aviation, and building capability across the aerospace and marine divisions.

When he left Rolls-Royce in 2012, he left behind a strong team of electrical systems engineers,

and an electrical systems activity that spanned the UK, USA, Norway, Germany and Singapore.

In the UK construction industry, he took a leading role in the transformation of the sector, supporting the introduction of modern methods of construction and adopting best practice from the automotive and manufacturing industries. He served as Director of the Engineering Excellence Group for Laing O'Rourke and supported the Government's intervention in high value manufacturing as Chief Technology Officer for the High Value Manufacturing Catapult between 2015 and 2017.

He was the founding chair of the Institution of Engineering & Technology (IET) Power Sector Executive and has been an active member and adviser to the UK Government's Nuclear Industry Council. He was a Fellow of the IET, an active visiting Professor in Energy Systems at The University of Manchester – where he studied for his PhD in the early 2000s – and The University of Strathclyde, the author of over 300 technical publications, co-author of two books and several patents related to the mathematical modelling, control and integration of energy systems.

He played a crucial role in the delivery of a number of high-profile UK construction and engineering projects. This included the City of London's distinctive Leadenhall Building, which was built ahead of schedule thanks to the heavy use of off-site construction techniques. The Manchester Metrolink, another project in which he had a hand, was also completed early, thanks in no small part to the use of virtual design and production techniques more commonly associated with the automotive industry.

His career also included an academic position as Professor of Practice in Loughborough's School of Architecture, Building and Civil Engineering, helping to raise the national and international profile of the high-level research undertaken at Loughborough.

Before entering industry, Phill joined the Royal Engineers straight from school, with no qualifications and stayed for five years, completing his service with an 'Exemplary and Honourable Record', something he was very proud of. When he left he spent a short time as a London bus driver before starting to study at Staffordshire University, where he completed a foundation course and an undergraduate degree, graduating in 1996.

Alongside his sharp intellect and achievements, Phill will be remembered by his colleagues and friends as humble, generous with his time and genuinely supportive of developing talented people across the organizations he worked with and for.

Qing-Chang Zhong, Syndem Founder & CEO, said: "Phill was inspirational, visionary, and hardworking. He made a tremendous impact on many sectors and corporations. It has been a privilege for me to have his generous support and insightful advice over the last 10+ years. This is a huge loss to his family, to Syndem, and to the society. He will be remembered."

Steve Lindsey, chief executive officer of Lontra, said: "When I first met Phill, he told me that

"Working hard, working with inspirational people and delivering things that others think are impossible is exciting." As chairman, Phill made a point of knowing everyone at Lontra and retained a heart-warmingly positive outlook on everything. He always took time to help people and its only with his untimely passing that I've discovered how many people he was mentoring, far beyond our company. "

Mark Reynolds, chief executive of Mace Group, said: "Phill has had a huge influence on the UK construction and manufacturing industries over a long and successful career. As an advocate for innovation and change, our sector owes him a huge debt of gratitude for helping us to transform our delivery. He will be hugely missed, and his impact will continue to be felt for years to come."

ACE chair Dave Beddell said: "On behalf of the members, board and staff I would like to pay tribute to Phill who worked closely with ACE to help develop some of the thinking around the Future of Consultancy campaign. Academia, engineering and industry has not only lost a great intellect who helped to nurture great ideas and projects, but a genuine people person who was generous with his time and developed talented people across the industries he worked in."

Professor Malcolm Cook, acting dean for the school of architecture, building and civil engineering at Loughborough University, said: "Phill was a true gentlemen and highly respected colleague in our school, opening doors that provided great opportunities for our staff. His leadership and gentle but effective manner, will be sorely missed."

Phill is survived by his wife, Emily, his daughter Pippa and his sons Harry and Edward.

His family would like to have his funeral quietly and with his family. The service for Phill is at 11.30 on Friday September 25, 2021 so, if you'd like to say a prayer or send him your special thoughts, that is the time to say goodbyes.

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