Biographies

Short(50 words)

Dr Lucy Rogers MBE FREng is a Chartered Engineer, Fellow of the Royal Academy of Engineering, Honorary President of the Institution of Engineering Designers and author of UP: A Journey Through Extraordinary Skies. A former BBC Robot Wars judge, her engineering work includes prototypes, robotics, electronics and projects in unusual and extreme environments.

Medium(100 words)

Dr Lucy Rogers MBE FREng is a Chartered Engineer, Fellow of the Royal Academy of Engineering, author and former BBC Robot Wars judge. Her latest book is UP: A Journey Through Extraordinary Skies.

Lucy has worked on everything from animatronic dinosaurs and electronics to prototypes, manufacturing and engineering in unusual and extreme environments. She was awarded an MBE for services to engineering in the King's Birthday Honours in June 2024, is Honorary President of the Institution of Engineering Designers, and was one of only three finalists for The Princess Royal's WISE Lifetime Achievement Award in 2026.

Long (200 words)

Dr Lucy Rogers MBE FREng is a Chartered Engineer, Fellow of the Royal Academy of Engineering, author and former BBC Robot Wars judge. Her latest book is UP: A Journey Through Extraordinary Skies.

Lucy has worked as an independent engineer for more than 25 years. Her projects have included animatronic dinosaurs, electronics, prototypes, manufacturing, space-related engineering and work in unusual and extreme environments.

Much of her work starts with a practical problem: something needs building, testing, fixing or figuring out. She enjoys projects where the answer is not obvious at the start and you have to build, test and try things.

Lucy also writes and speaks about engineering and science. She explains complicated ideas clearly without stripping out the interesting detail, and has worked across television, radio, podcasts, books and live events.

She was awarded an MBE for services to engineering in the King’s Birthday Honours in June 2024. She is a Fellow of both the Royal Academy of Engineering and the Institution of Mechanical Engineers, and Honorary President of the Institution of Engineering Designers. In 2026, she was a finalist for The Princess Royal’s WISE Lifetime Achievement Award.