



John Hickey



John, second from the left, with his cycling group at Capel Curig, North Wales

## Spotlight on John Hickey

John Hickey was appointed in September 2020 as Mechanical Engineering Design Manager to head up the Engineering team at MPE Ltd, reporting direct to Managing Director David Seabury. Many of MPE's high-performance filter and capacitor products require custom design and manufacture for particular projects and applications, and John oversees their lifecycle from design and development through prototyping and testing to final manufacture. John manages the daily engineering workload, as well as working closely with all other departments to meet their engineering requirements.

John Hickey has extensive skills in 3D CAD, and part of his role is to establish a large range of 3D models to increase the accuracy and efficiency of delivering projects. Further to this, John will modernise filters using the latest industry techniques. This will improve the manufacturability and efficiency of filters, thus strengthening the company's foothold on the market and give MPE improved delivery times. Part of John's role is to guide the world-class team at MPE through R&D projects, keeping them at the forefront of high-performance filter design.

He joined MPE from Power Systems Ltd (PSL) at Speke, Liverpool, a bespoke manufacturer of large, high-pressure stainless steel vessels to explosion-safe ATEX requirements for the pharmaceutical industry. As the Engineering Manager there, he guided a team of nine engineers through international contracts in research and development and introduced a number of significant new systems for improved efficiencies.

For three years from 2015 to 2018 John was Senior Mechanical Design Engineer at the company CCL in Leeds. Their products were bearings, pre-tensioned anchors and pneumatic jacks for structural engineering in bridges of all types and sizes. Before that, from 2011 he had been employed as Applications and Design Engineer at Bibby Transmissions Ltd in Dewsbury, West Yorkshire. There John had managed design, development and FMEA for the production of transmission couplings and torque control parts on applications ranging from naval engines to Formula 1 racing cars to offshore oil and gas extraction.

John Hickey's first position following graduation with an Honours degree in Computer-Aided Engineering (CAE) from the University of Central Lancashire in Preston had been his first tour of duty – again three years – at CCL in Leeds, as their Design Engineer. He had also accomplished a BTEC national diploma in Mechanical Engineering from the Magherafelt campus of the North-East Institute in Northern Ireland. Reflecting his wide-ranging qualifications and career experience in engineering design and development, he has been elected as Incorporated Engineer (IEng) by the Institution of Mechanical Engineers in London.

He and his wife live with their three-year-old daughter and six-year-old son in a village near Northwich in Cheshire. John enjoys participation in various sports activities to maintain health and fitness. For three years he played Gaelic football at county level for Yorkshire, having previously, as a university student in 2008, proudly been an All Britain trophy winner. He is also a keen long-distance leisure cyclist in a dedicated group of five, pictured left at Capel Curig in the mountains of Snowdonia, North Wales.