



Dr Bill MacPherson

During my career at Heriot-Watt, I have experienced many aspects of University life. I have seen the University from the perspective of an undergraduate student, researcher, and academic staff.

I was appointed a lecturer in Physics in 2006 and an Associate Professor in 2014. During my professional career at Heriot-Watt, I have had the good fortune to work with students at all levels of their study and with colleagues from across the school of EPS. This has helped me foster a keen interest in the academic and professional development of our students. I have taught at all levels of Undergraduate and Postgraduate study and this has given me a good insight into the experience we aim to provide for our students. I am currently involved in postgraduate training and supervision via the EngD doctoral training centre in Applied Photonics. Through my recent role as Senior Programme Director in Physics, I have developed a greater understanding of those in our student body who have additional challenges to overcome, as well as being exposed to the more administrative aspects of delivering university programmes.

My research into the use of optical fibre sensors has led to collaboration with industry as well as with colleagues from across the University. Current research projects include subsea sensor development, sensor architectures for long-term studies and component health monitoring in complex engineering environments.

Senate fulfils an important role in developing the academic aspects of the University, in both teaching and research. I believe I can bring my exposure to both teaching and research within EPS to Senate for the benefit of our students and staff.