## **Dr John Manuel**

Colleagues will be sorry to learn of the death, on 13 February 2022, of Dr A J (John) Manuel, former Lecturer in the School of Physics and Astronomy.

Born in London in 1922, John volunteered to join the RAF early in the war. With a keen interest in radar, he joined Group 60 as part of Fighter Command and completed his A levels while serving in the RAF. After the war he studied Physics at Queen Mary's College, London, gaining a first class honours degree and completing his PhD. John first taught at Bedford College, London, before moving to Leeds in 1957. Between 1963 and 1970 he produced joint publications on the low temperature magnetic properties of palladium and palladium alloys.

He joined the Interdisciplinary Research Centre in Polymer Science and Technology in 1969, publishing a number of papers with other members of the Centre on investigations of polymers using nuclear magnetic resonance, which involved studies of crystallisation, molecular motion and molecular orientation. He retired in 1983, moving to the New Forest with his wife Marianne, a medical social worker.

The funeral service will be held at 11.00am on Wednesday 9 March 2022 at Bournemouth Crematorium, on which day the flag on the Parkinson Building will be flown at half-mast in his memory.