

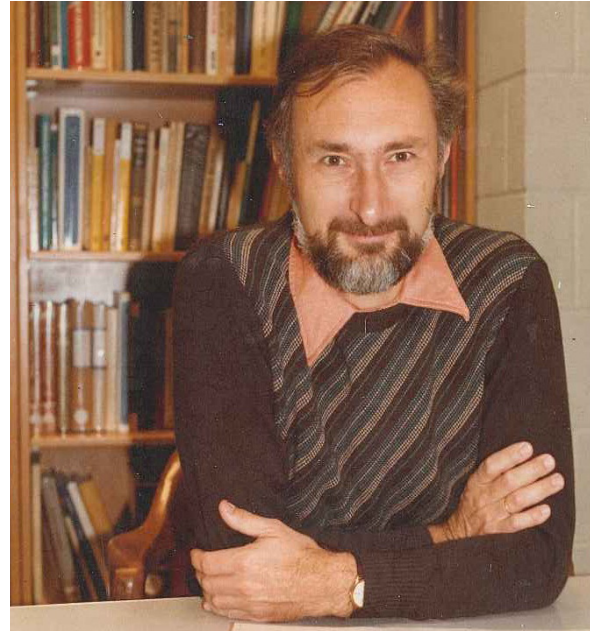
JOHN CHALLIFOUR

John Challifour, originally from Bristol, England, earned a mathematics degree from U.C. Berkeley and then returned to England to obtain a Ph.D. in mathematical physics at Cambridge under the direction of Richard Eden. He taught at Princeton and Brandeis before coming to Indiana in 1968 where he remained until his retirement in 2007.

John was an integral part of what was at the time a formidable mathematical physics group at Indiana that included Andrew Lenard and Roger Newton. His research focused on quantum theory, most recently on quantization of lattice Higgs-Yang-Mills fields, with papers frequently appearing both in physics and mathematics journals.

John authored a textbook, *Generalized Functions and Fourier Analysis: an Introduction*, which appeared in 1972, and in 1984 he was elected as a Fellow of the American Physical Society. John also served as associate editor of the *Journal of Mathematical Physics* for 13 years.

John's teaching was recognized with several teaching awards, including two Physics Graduate Teaching awards and a College Teaching Incentive award. He was remembered by many of us for his warmth, his quick wit and his mischievous sense of humor.



Born: Bristol, England June 13, 1938
Died: Bloomington, Indiana November 27, 2021
Years at IU: 1968-2007