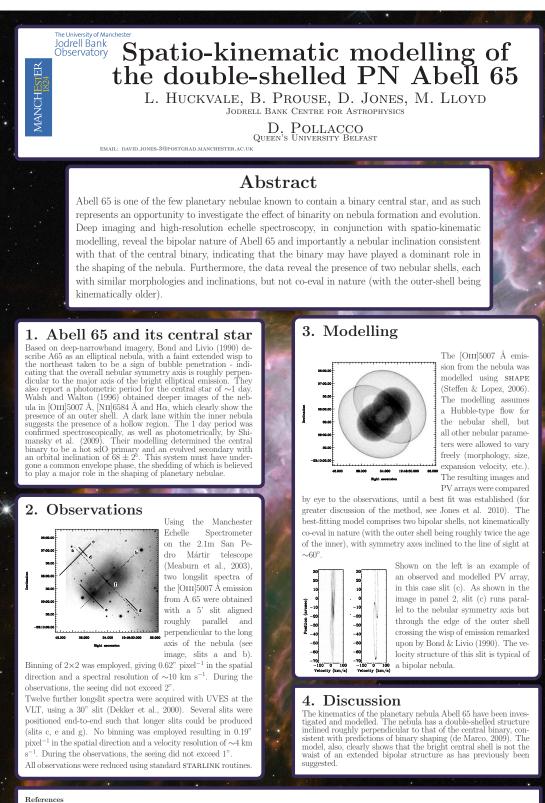
## Spatio-kinematic modelling of Abell 65, a double-shelled PN with a close-binary central star

David Jones

Jodrell Bank Centre for Astrophysics, Alan Turing Building, School of Physics and Astronomy, University of Manchester, Oxford Road, Manchester, M13 9PL, UK

L. Huckvale, B. Prouse, M. Lloyd, D.L. Pollacco

Abell 65 is one of the few planetary nebulae known to contain a binary central star, and as such represents an opportunity to investigate the effect of binarity on nebula formation and evolution. Deep imaging and high-resolution echelle spectroscopy, in conjunction with spatio-kinematic modelling, reveal the bipolar nature of Abell 65 and importantly a nebular inclination consistent with that of the central binary, indicating that the binary may have played a dominant role in the shaping of the nebula. Furthermore, the data reveal the presence of two nebular shells, each with similar morphologies and inclinations, but not co-eval in nature (with the outer-shell being kinematically older).



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