

**Abstract**

**On point-imprimitive, block-transitive designs**

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These elusive structures have fascinated me for more than 15 years, ever since I heard of the beautiful result of Anne Delandtsheer and Jean Doyen that, for such designs, the number of points is bounded by a certain function of the block size. I will trace some of the results known to me in this area, through to the lovely new results of Regueiro on flag-transitive symmetric designs. This will include recent joint work with Shenglin Zhou in which we attempt to understand and extend Regueiro's results.