

Geometric Rigidity One Day Workshop

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Thursday 5th June, 2014

Lancaster University

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| 10:30-11 | Bill Jackson (Queen Mary University of London) A characterisation of the generic rigidity of point-line frameworks. |
| 11-12 | John C. Owen (Siemens Product Lifecycle Management) A pebble game algorithm for point-line frameworks. |
| 12-12:30 | Bill Jackson (Queen Mary University of London) Unique completability of low rank matrices. |
| 12:30-2 | Lunch |
| 2-3 | Oleg Karpenkov (University of Liverpool) Configuration spaces of tensegrities. |
| 3-3:30 | James Cruickshank (NUI Galway) Some thoughts on three-dimensional rigidity and the Graver-Tay-Whiteley conjecture. |
| 3:30-4 | Coffee break |
| 4-4:30 | Stephen Power (Lancaster University) Almost periodic rigidity and a mean flexibility dimension for infinite bar-joint frameworks. |
| 4:30-5 | Derek Kitson (Lancaster University) Maxwell counts for symmetric isostatic frameworks in normed spaces. |

Additional Information: Talks will be held in the Postgraduate Statistics Centre Lecture Theatre A54. Supported by EPSRC grant EP/J008648/1 "Crystal frameworks, operator theory and combinatorics". Contact d.kitson@lancaster.ac.uk