

4. Berlin–Manchester Workshop on Nonlinear Eigenvalue Problems

Program, 17. March 2008

10.00–10.10	Opening
10.10–10.50	Kathrin Schreiber, <i>Nonlinear complex symmetric Jacobi–Davidson</i>
10.50–11.30	Francoise Tisseur, <i>Deflation methods for polynomial eigenvalue problems</i>
11.30–11.50	Coffee break
11.50–12.30	Niels Hartanto, <i>Properties of Perron–Frobenius matrix polynomials</i>
12.30–13.10	Steven Mackey, <i>Linearizations of singular matrix polynomials and the recovery of minimal indices</i>
13.10–14.30	Lunch break
14.30–15.10	Volker Mehrmann, <i>Symplectic, BVD, and palindromic approaches to discrete-time control problems</i>
15.10–15.50	Heinrich Voss, <i>Detecting extended strongly hyperbolic matrix polynomials</i>
15.50–16.30	Christian Schröder, <i>Generalized palindromic polynomials</i>
16.30–16.50	Coffee break
16.50–17.30	Timo Betcke, <i>Towards a robust polynomial eigenvalue solver</i>
17.30–18.10	Nick Higham, <i>Reducing the degree of matrix polynomials by factorization</i>
18.45	Dinner, Ristorante Aida, Knesebeckstr. 83

18. March 2008: Discussion