Mathematical Methods in Reliability Research

Tuesday 22\textsuperscript{nd} May 2012

JC128, John Crank Building, Brunel University

Lifetime data analysis

Programme

1000-1030 Refreshments

1030-1230 Talks and Discussion

1030-1055  Natural constructions of hazard and intensity functions
           \textit{Prof. Dave Percy (Salford)}

1055-1120  Monitoring using Event History Data
           \textit{Dr Axel Gandy (Imperial, London)}

1120-1145  Warranty data analysis: new results and challenges
           \textit{Dr Shaomin Wu (Cranfield)}

1145-1210  Multivariate quantile-quantile plots and related tests
           \textit{Dr Subhra sankar Dhar (Cambridge)}

1210-1225  Joint modelling of longitudinal and survival analysis
           \textit{Dr Yanchun Bao, (Brunel)}

1225-1325  Buffet Lunch and Discussion

1325-1350  Nonparametric predictive inference for reliability of coherent system
           \textit{Prof. Frank Coolen (Durham)}

1350-1415  Optimal design for censored lifetime experiments
           \textit{Dr Alan Kimber (Southampton)}

1415-1425  Small sample inference of GPD with application in MTTF and Volatility
           \textit{Mr Zhuo Sheng (Brunel)}

1425-1500  Tea break and Discussion

1500-1525  Survival Models and Threshold Crossings
           \textit{Prof. Martin Newby (City)}

1525-1550  Accelerated failure time models for censored survival data under Referral bias
           \textit{Dr Hongsheng Dai (Brighton)}

15:50-16:00 Brief summary and remind of next two meetings in Durham and Glasgow.