PUBLICATIONS
(Up to and including 2021)
Alan Burns

1 Books


2 Parts Of Books


3 Fully Reviewed papers

This section contains the titles of papers that are either published in referred journals or are referred conference papers that have appeared in archived proceedings.

43. L. Indrusiak, A. Burns, N. Smirnov and J. Harrison A novel flow control mechanism to avoid multi-point progressive blocking in hard real-time priority-preemptive NoCs, IEEE Real-Time Applications Symposium (RTAS), 2020.


126. F. Zhang and A Burns, Dividing point value selections for Improved Quick Processor-demand Analysis, Software Technology and Engineering (ICSTE), pp170-175, 2010.


370. A.Burns and A.J.Wellings, Occam's Priority Model and Deadline Scheduling, Proc. 7th Occam User Group Meeting, Grenoble, 1987


4 Other Conference papers


418. T. Fleming and A. Burns, Utilising Asymmetric Parallelism in Multi-Core MCS Implemented via Cyclic Executives, WMC (Workshop on Mixed Criticality Systems), RTSS, December 2016.


428. T. Fleming and A. Burns, Extending Mixed Criticality Scheduling, Proceeding of WMC, RTSS, pp7-12, 2013.


5 Reports and other Articles


549. A. Burns, Preemptive Priority Based Scheduling: An Appropriate Engineering Approach, YCS 214, Department of Computer Science, University of York, 1993.
550. A.Burns, Fixed Priority Scheduling with Deadline Prior to Completion, YCS 212, Department of Computer Science, University of York, 1993.


552. K.Tindell and A.Burns, Scheduling Hard Real-Time Multi-Media Disk Traffic, YCS 204, Department of Computer Science, University of York, July 1993.

553. N.C.Audsley, A.Burns, M.F.Richardson and A.J.Wellings, Data Consistency in Hard Real-Time Systems, YCS 203, Department of Computer Science, University of York, July 1993.


584. A.Burns, Knowledge is power, in New Information Technology, Ellis Horwood, 1984.

