

@article{Liu1973,

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AUTHOR = {C. L. Liu and James W. Layland},
JOURNAL = {Journal of the Association for Computing Machinery (JACM)},
MONTH = jan,
Number = {1},
PAGES = {46-61},
TITLE = {{Scheduling Algorithms for Multiprogramming in a Hard Real-Time Environment}},
VOLUME = {20},
YEAR = {1973}
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@inproceedings{Brandenburg2014,

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author={B.B. Brandenburg},
booktitle={Proceedings of the IEEE Real-Time Systems Symposium},
title={{A Synchronous IPC Protocol for Predicatable Access to Shared Resources in Mixed-Criticality Systems}},
year={2014},
pages={196-206},
month=dec}
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@inproceedings{Calandrino2007,

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Author = {John M. Calandrino and James H. Anderson and Dan P. Baumberger},
Booktitle = {Proceedings of the 19th Euromicro Conference on Real-Time Systems},
Title = {{A Hybrid Real-Time Scheduling Approach for Large-Scale Multicore Platforms}},
Year = {2007},
pages = {247-258}}
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@inproceedings{Afshar2012,

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author = {Sara Afshar and Farhang Nemati and Thomas Nolte},
booktitle = {Proceedings of the 18th IEEE Embedded and Real-Time Computing Systems and Applications (RTCSA)},
title = {{Resource Sharing under Multiprocessor Semi-Partitioned Scheduling}},
year = {2012}
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@conference{Gai2001, IDS={MSRP},

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Author = {P. Gai and G. Lipari and M. D. Natale},
Booktitle = {Proceedings of the 22nd IEEE Real-Time Systems Symposium},
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Title = {{Minimizing Memory Utilization of Real-Time Task Sets in Single and Multiprocessor Systems-On-a-Chip}},  
Year = {2001},  
pages = {73-83}}
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@inproceedings{Rajkumar1990,

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IDS={MPCP, M-PCP},  
author = {R. Rajkumar},  
booktitle={Proceedings of the 10th International Conference on Distributed Computing Systems (ICDCS)},  
title = {{Real-Time Synchronization Protocols for Shared Memory Multiprocessors}},  
year = {1990},  
pages={116-123}}
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@inproceedings{Block2007, IDS={FMLP},

```
Author = {A. Block and H. Leontyev and Bj\"{o}rn B. Brandenburg and James H. Anderson},  
Booktitle = {Proceedings of the 13th IEEE RTCSA},  
Title = {{A Flexible Real-Time Locking protocol for Multiprocessors}},  
Year = {2007},  
pages={47-56}}
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@inproceedings{Easwaran2009,

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Author = {A. Easwaran and B. Anderson},  
Booktitle = {Proceedings of the 30th IEEE Real-Time Systems Symposium (RTSS)},  
Title = {{Resource Sharing in Global Fixed-Priority Preemptive Multiprocessor Scheduling}},  
Year = {2009},  
pages = {377-386}}
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@inproceedings{Easwaran2011, IDS={OMLP},

```
Author = {A. Easwaran and B. Anderson},  
Booktitle = {Proceedings of the 9th ACM Intl. Conf. on Embedded Software},  
Title = {{Real-Time Resource-Sharing under Clustered Scheduling: Mutex, Reader-Writer, and k-exclusion Locks}},  
Year = {2011},  
pages = {69-78}}
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@inproceedings{Macariu2011, IDS={LB-PCP},

```
Author = {Georgiana Macariu and Vladimir Cretu},  
Booktitle = {Proceedings of the 23rd Euromicro Conference on Real-Time Systems (ECRTS)},  
Title = {{Limited Blocking Resource Sharing for Global Multiprocessor
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Scheduling}},  
Year = {2011},  
pages = {262-271}}
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@inproceedings{BurnsWellings2013, IDS={MrsP},
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author = {Alan Burns and Andy Wellings},  
booktitle = {Proceedings of the 25th IEEE Euromicro Conference on Real-Time  
Systems (ECRTS)},  
title = {A Schedulability Compatible Multiprocessor Resource Sharing  
Protocol - {MrsP}},  
year = {2013}
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@article{Sha1990, IDS={PCP,PIP},
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Author = {L. Sha and R. Rajkumar and J. P. Lehoczky},  
Journal = {IEEE Transactions on Computers},  
Month = Sep,  
Number = {9},  
Pages = {1175-1185},  
Title = {{Priority Inheritance Protocols: An Approach to Real-Time  
Synchronization}},  
Volume = {39},  
Year = {1990}
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@article{Baker1989,
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Author = {T. Baker and A. Shaw},  
Journal = {Journal of Real-Time Systems},  
Number = {1},  
Pages = {7-25},  
Title = {{The Cyclic Executive Model and Ada}},  
Volume = {1},  
Year = {1989}}
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@inproceedings{Baker1990, IDS={SRP},
```

```
Author = {T. P. Baker},  
Booktitle = {Proceedings of the 11th IEEE Real-Time Systems Symposium  
(RTSS)},  
Month = Dec,  
Pages = {191-200},  
Title = {{A Stack-Based Resource Allocation Policy for Real-Time  
Processes}},
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Year = {1990}}
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@Article{dijk-cacm-15-859,
```

```
author = {Edsger W. Dijkstra},  
title = {The humble programmer},  
journal = CACM,  
year = {1972},  
volume = {15},  
pages = {859--865},  
doi = {10.1145/355604.361591}
```

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@book{Liu2000, author = {Liu, Jane W. S. W.},
```

```
title = {{Real-Time Systems}},  
year = {2000},  
isbn = {0130996513},  
edition = {1st},  
publisher = {Prentice Hall PTR},  
address = {Upper Saddle River, NJ, USA}}
```

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@phdthesis{Mok1983,
```

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Author = {A. K. Mok},  
School = {MIT},  
Title = {{Fundamental Design Problems for the Hard Real-Time Environment}},  
Type = {{Ph.D. Dissertation}},  
Year = {1983}}
```

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