

1. Record Nr.	UNINA9910469158103321
Titolo	2020 IEEE/ACM International Workshop on Runtime and Operating Systems for Supercomputers (ROSS) // Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	[Place of publication not identified] : , : IEEE, , 2020
ISBN	1-66542-268-8
Descrizione fisica	1 online resource
Disciplina	005.4469
Soggetti	Biomedical engineering Medical sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The complexity of node architectures in supercomputers increases as we cross petaflop milestones on the way towards Exascale Increasing levels of parallelism in multi and many core chips and emerging heterogeneity of computational resources coupled with energy and memory constraints force a reevaluation of our approaches towards operating systems and runtime environments The International Workshop on Runtime and Operating Systems for Supercomputers provides a forum for researchers to exchange ideas and discuss research questions that are relevant to upcoming supercomputers In addition to typical workshop publications, we encourage novel and possibly immature ideas, provided that they are interesting and on topic Well argued position papers are also welcome.