

GLOBAL SCHEDULING BASED REAL-TIME MULTICORE SCHEDULING

Real-time systems require precise and predictable answers within a strict time frame. To achieve these objectives, they use scheduling algorithms that ensure these tasks are completed by the given deadline. However, the introduction of multicore processors has added new complications and challenges in task scheduling in real-time systems. This seminar paper provides an overview of global scheduling based real-time multicore scheduling in real-time systems. It discusses the concept of global scheduling, multicore processing, and real-time multicore scheduling.