CarnegieMellor Schedule 2:00-3:05 (Diana Marculescu) ▶ Trends and issues in clock distribution Motivation for GALS, synchronization issues, deadlock prevention, possible inter-clocking domain communication schemes ▶ GALS processors: power/performance evaluation 3:05-3:30 (Dave Albonesi) ► GALS processors: power/performance evaluation (cont'd) 3:30-4:00 Break 4:00-4:40 (Dave Albonesi) ▶ Workload characterization and impact on the use of fine grain speed/voltage scaling ■ 4:40-5:45 (Alper Buyuktosunoglu, Pradip Bose) ► Case study - LPX, an IPCMOS based processor 5:45-6:00 (Diana Marculescu) ▶ Looking in the crystal ball: Where will partial asynchrony be used? Concluding remarks Copyright 2002 © Diana Marculescu Tutorial on Partially Asynchronous Microprocessors















