

NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Special Lecture Series - ACM India Summer School on Program Execution

Subject Co-ordinator - Unknown

Co-ordinating Institute - IIT - Madras

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 1 - ACM Summer School on Program Execution - Introduction
Lecture 2 - Basics of Architecture - Part 1
Lecture 3 - Basics of Architecture - Part 2
Lecture 4 - Basics of Architecture - Part 3
Lecture 5 - Basics of Architecture - Part 4
Lecture 6 - A Review of Architectural Features for supporting Program Execution - Part 1
Lecture 7 - A Review of Architectural Features for supporting Program Execution - Part 2
Lecture 8 - A Review of Architectural Features for supporting Program Execution - Part 3
Lecture 9 - A Review of Architectural Features for supporting Program Execution - Part 4
Lecture 10 - Review of OS - IPC and beyond - Part 1
Lecture 11 - Review of OS - IPC and beyond - Part 2
Lecture 12 - From Programs to Processes (and threads) - Part 1
Lecture 13 - From Programs to Processes (and threads) - Part 2
Lecture 14 - Network Protocol Fundamentals
Lecture 15 - Web protocols and Web Software - Part 1
Lecture 16 - Web protocols and Web Software - Part 2
Lecture 17 - Storage Systems - Part 1
Lecture 18 - Storage Systems - Part 2
Lecture 19 - Storage Systems - Part 3
Lecture 20 - Basics of High Performance Computing - Part 1
Lecture 21 - Basics of High Performance Computing - Part 2
Lecture 22 - Basics of High Performance Computing - Part 3
Lecture 23 - The Evolution of Linux as an Enterprise Operating System
Lecture 24 - The Hypervisor - Lord of the Rings - Part 1
Lecture 25 - The Hypervisor - Lord of the Rings - Part 2
Lecture 26 - Hands on Lab - Create a VM and Play
Lecture 27 - Containers and Kubernetes Era - Part 1
Lecture 28 - Containers and Kubernetes Era - Part 2
Lecture 29 - Containers and Kubernetes Era - Part 3

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Lecture 30 - The Future of Compute - Part 1

Lecture 31 - The Future of Compute - Part 2