NPTEL Video Course - Computer Science and Engineering - NOC:Information Security 5 - Secure Systems Engineeri

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Co-ordinating Institute - IIT - Madras

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

Lecture 30 - Mandatory access Control
Lecture 31 - Confinement in Applications
Lecture 32 - Software fault isolation
Lecture 33 - Trusted Execution Environments
Lecture 34 - ARM Trustzone
Lecture 35 - SGX - Part 1
Lecture 36 - SGX - Part 2
Lecture 37 - PUF - Part 1
Lecture 38 - PUF - Part 2
Lecture 39 - PUF - Part 3
Lecture 40 - Covert Channels
Lecture 41 - Flush+Reload Attacks
Lecture 42 - Prime+Probe
Lecture 43 - Meltdown
Lecture 44 - Spectre Variant - 1
Lecture 45 - Spectre variant - 2
Lecture 46 - rowhammer
Lecture 47 - Heap demo - 1
Lecture 48 - Heap demo - 2
Lecture 49 - Heap demo - 3
Lecture 50 - PowerAnalysisAttacks
Lecture 51 - Hardware Trojans
Lecture 52 - FANCI
Lecture 53 - Detecting Hardware Trojans in ICs
Lecture 54 - Protecting against Hardware Trojans
Lecture 55 - Side Channel Analysis
Lecture 56 - Fault Attacks on AES
Lecture 57 - Demo
Lecture 58 - Demo
Lecture 59 - Demo