



# Table of contents

Wednesday 23 April 2025 .....	1
-------------------------------	---

# PWF Sri Lanka - Advancing Computational Material Science: A Workshop on Density Functional Theory (DFT)

## Wednesday 23 April 2025

### Day 4 - E-resources room (05:00-13:00)

time	title	presenter
05:00	Lecture 8: DFT for Metallic Systems (Smearing Techniques, k-points in Metals, Band Structure, Density of States (DOS))	
06:30	Coffee break	
07:00	Hands on session: Optimizing k-grid, smearing, etc. for metallic systems, repeat ev.x	
08:30	Lunch break	
09:30	Hands on Session: Electronic Properties of Si (semiconductor) and Cu (metal): Band Structure, DOS	
11:00	Coffee break	
11:30	Continuation	