

Challenge #1

Expressive prediction models

Challenge #2

Scalable control platforms

Key Insight (Ch. 4)

Persistent Critical Structures in QoE-determining factors

CFA & DDA (Ch. 5, 6)

*Accurate QoE/throughput
predictions by critical features*

Pytheas (Ch. 7)

*Scalable exploration-exploitation
by group-based control*

VIA (Ch. 8)

*Tackling large decision
spaces by guided exploration*