

## Challenge #1

*Expressive prediction models*

## Challenge #2

*Scalable control platforms*

## Key insight

*Persistent 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*