

Coordinating Simultaneous Instruments at the Advanced Technology Solar Telescope

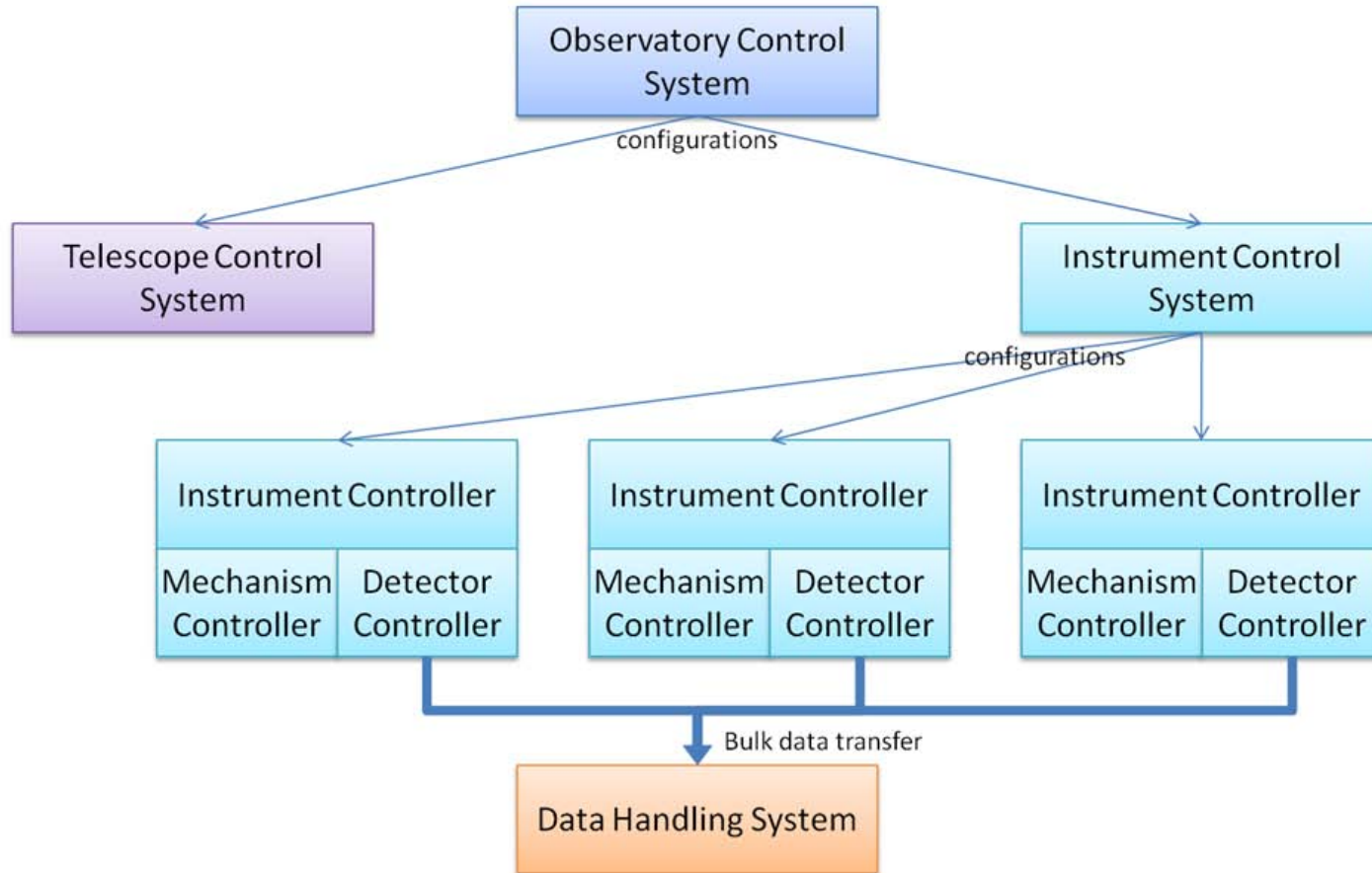
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WEMAU002

Introduction

- ATST is a 4-meter, off-axis, solar telescope
 - Under construction at Haleakalā, Maui, Hawaii, USA
- Multiple, simultaneous instruments can operate
 - Imagers, spectrographs, polarimeters
 - Red to blue: 300 to 28,000 nm
- Required coordination of telescope and instruments
 - Configure observation
 - Configure telescope and instruments
 - Start observing, monitor completion flags
 - Reconfigure telescope and instruments
 - ...repeat

Hierarchical Control



Overlapping Sequencing

