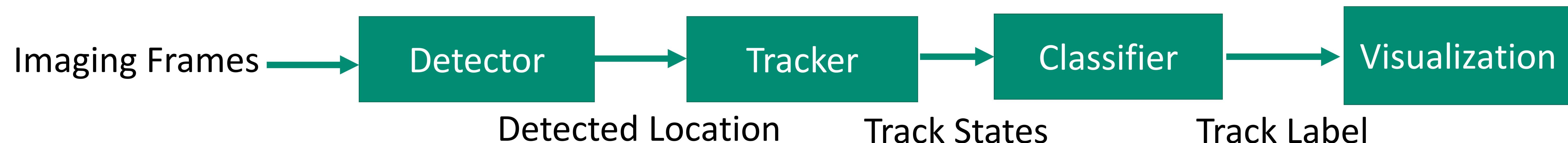




Moving Target Detection and Tracking For Wide-Area Surveillance

Principal Investigator: Tian J. Ma

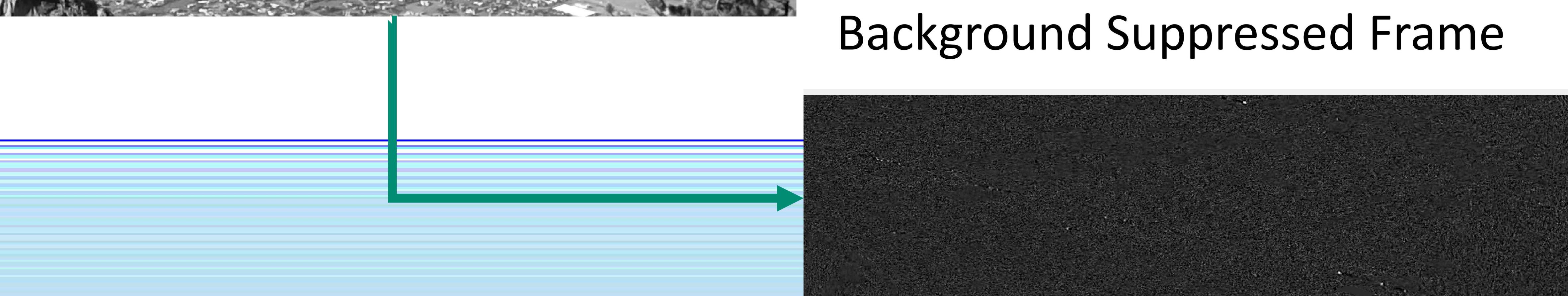
Real-Time Moving Target Detection Work Flow



Raw Frame



Vehicle Detection Using a Remote Video Camera



Camera Specs:

Red Mysterium X Camera
18 to 85 mm adjustable lens
24 frames per second with 3Kx3K resolution

Location:

Sandia Peak, 10,378 foot mountain region in
Albuquerque, New Mexico

Automatic Target Detection and Tracking

Detected Vehicles in Frame

