

Model Based Systems Engineering (MBSE): Validation & Automation Scripting

MBSE Core Team



LTTS
GLOBAL
ENGINEERING
ACADEMY

Agenda

Excitement: MBSE for AUTO domain

MBSE

MATLAB OnRamp Certification

Validation and Automation Scripting

Thank You



Excitement: MBSE for AUTO domain



Synthesize Unreal Engine driving scenarios

Prebuilt scenes



[3D Simulation for Automated Driving](#)

Automated Driving Toolbox™

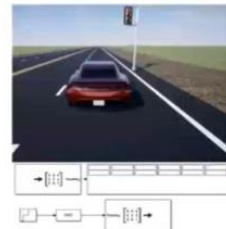
Customize scenes



[Customize 3D Scenes for Automated Driving](#)

Automated Driving Toolbox™

Custom messages



[Send and Receive Double-Lane Change Scene Data](#)

Vehicle Dynamics Toolbox™

Behind Today's Automotive Trends: The Technologies Driving the Change

<https://web.microsoftstream.com/video/3689c53d-cbbb-45c7-9d8c-affa153000a8?list=studio>



Video Series: MBSE

- “ Introduction to MBSE: <https://web.microsoftstream.com/video/036cce26-fa4b-4a84-bc7e-29e0d7b0b34c>
- “ Introduction to MBSE contd..: <https://web.microsoftstream.com/video/ab0f3282-e306-4f69-a383-fe6a671706b6>
- “ Control System Workflow: <https://web.microsoftstream.com/video/55d11a23-6e83-4380-a07d-5fa1381b526e>



MATLAB OnRamp Certification



MATLAB OnRamp

- // Register on MathWorks: you don't have to pay anything [link](#)
- // Once Registered, complete OnRamp certification [link](#)



Course Completion Certificate

Dhiwakar J

has successfully completed 100% of the self-paced training course

MATLAB Onramp

DIRECTOR, TRAINING SERVICES

28 October 2020



Validation and Automation Scripting



Video Series: Validation and Automation

- “ Introduction to MATLAB: <https://web.microsoftstream.com/video/bd72bb45-04ba-4b44-89d8-20722683ebd4>
- “ Algorithm Development: <https://web.microsoftstream.com/video/68723252-86b5-42b0-9c9b-f80188336e96>



Thank You !



L&T Technology Services

