world16

11th VR Summer Workshop
July 7th - 10th, 2020
ONLINE Remote

FORUM 8

Car accident simulation/ visualization

Take advantage of UC-Win/Road software and models
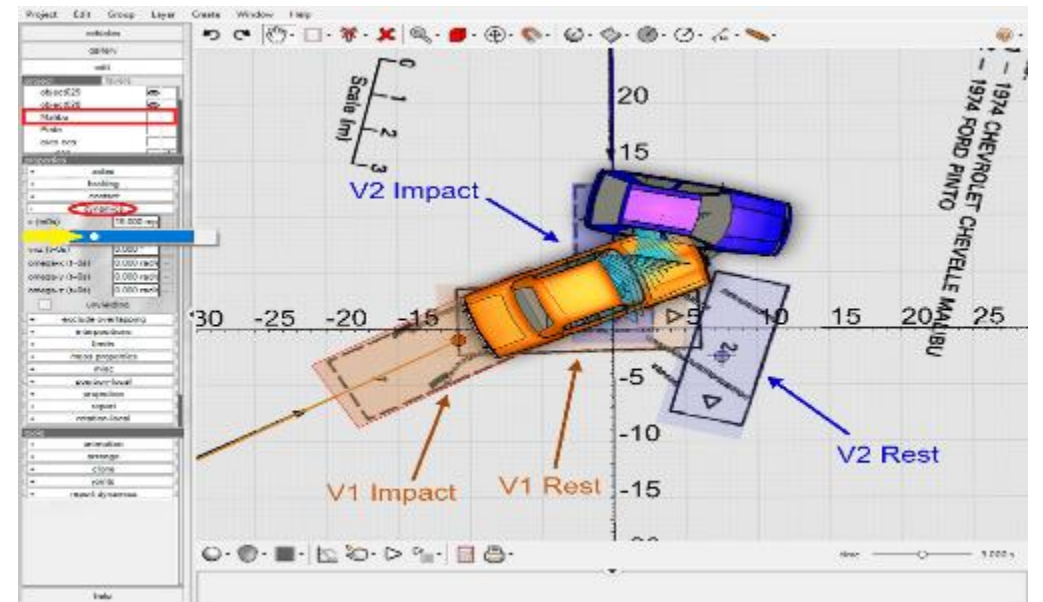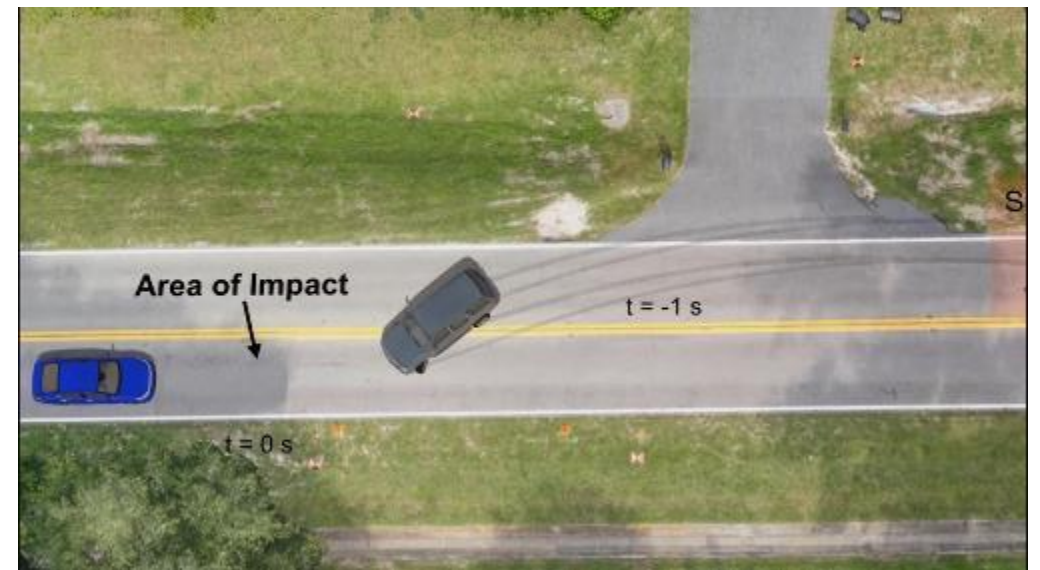

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2D diagram software

http://draw.accidentsketch.com/

https://www.vcrashusa.com/home

3D simulation software features:

Build surface from point-cloud or photogrammetry

ADD Labels (text or HUD):

https://www.vcrashusa.com/home

Google maps auto import tool   +   google terrain import tool
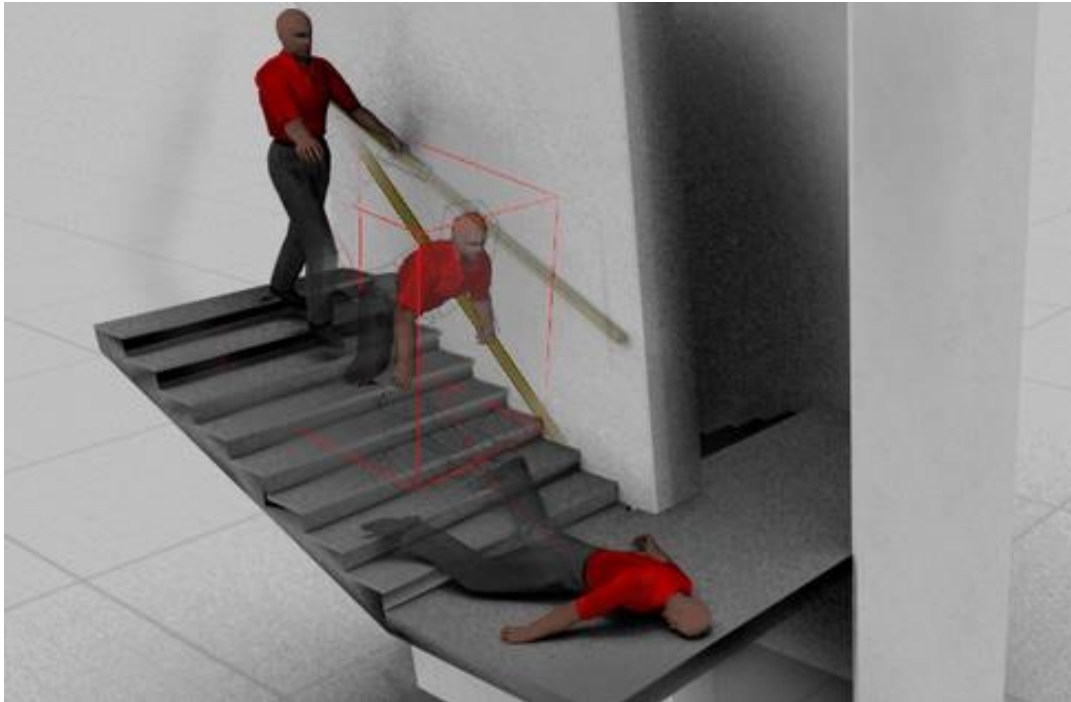
Time = 14.63 s
V1 Speed = 11.36 mph
V2 Speed = 4.25 mph
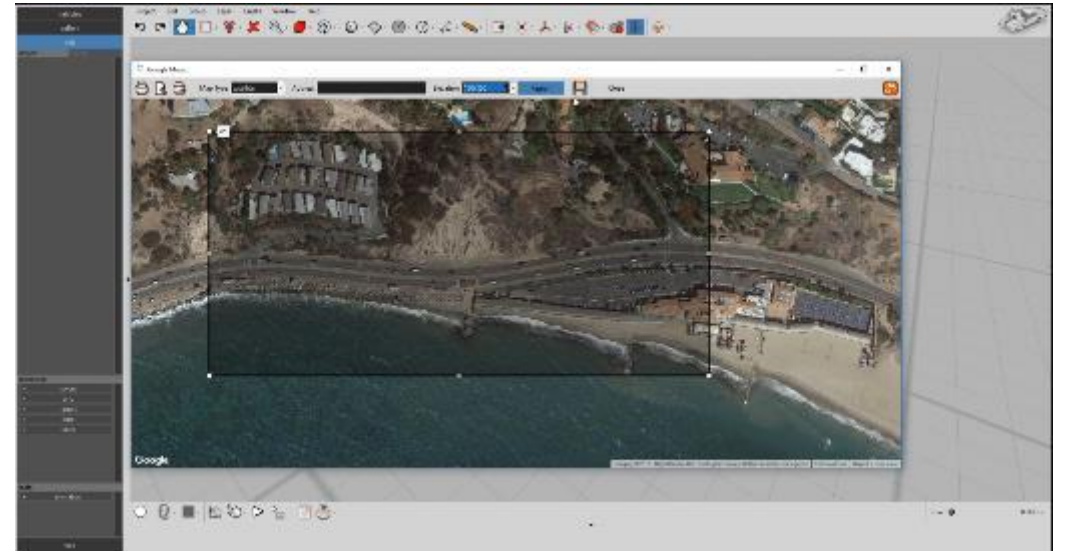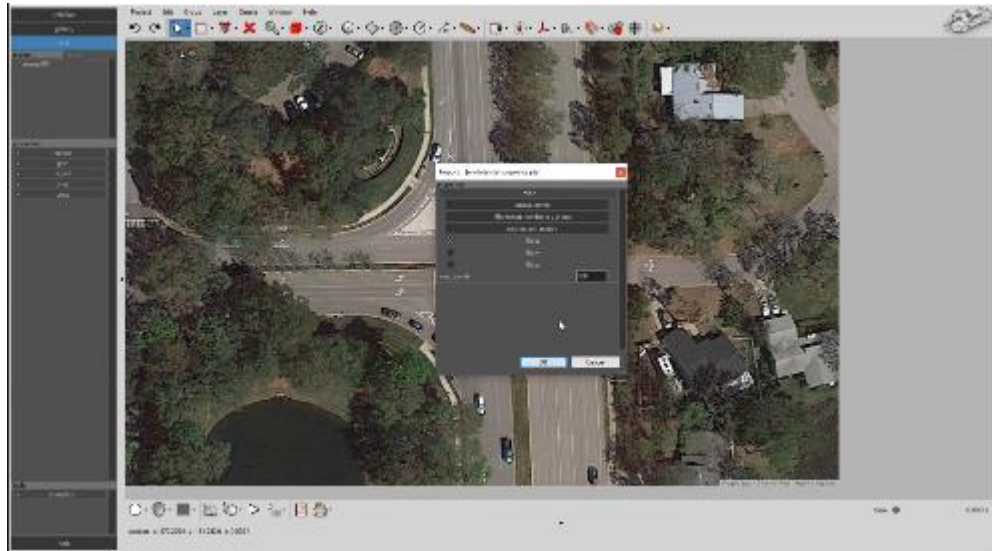
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Rigid body collision simulation- for car, motorcycle and pedestrians

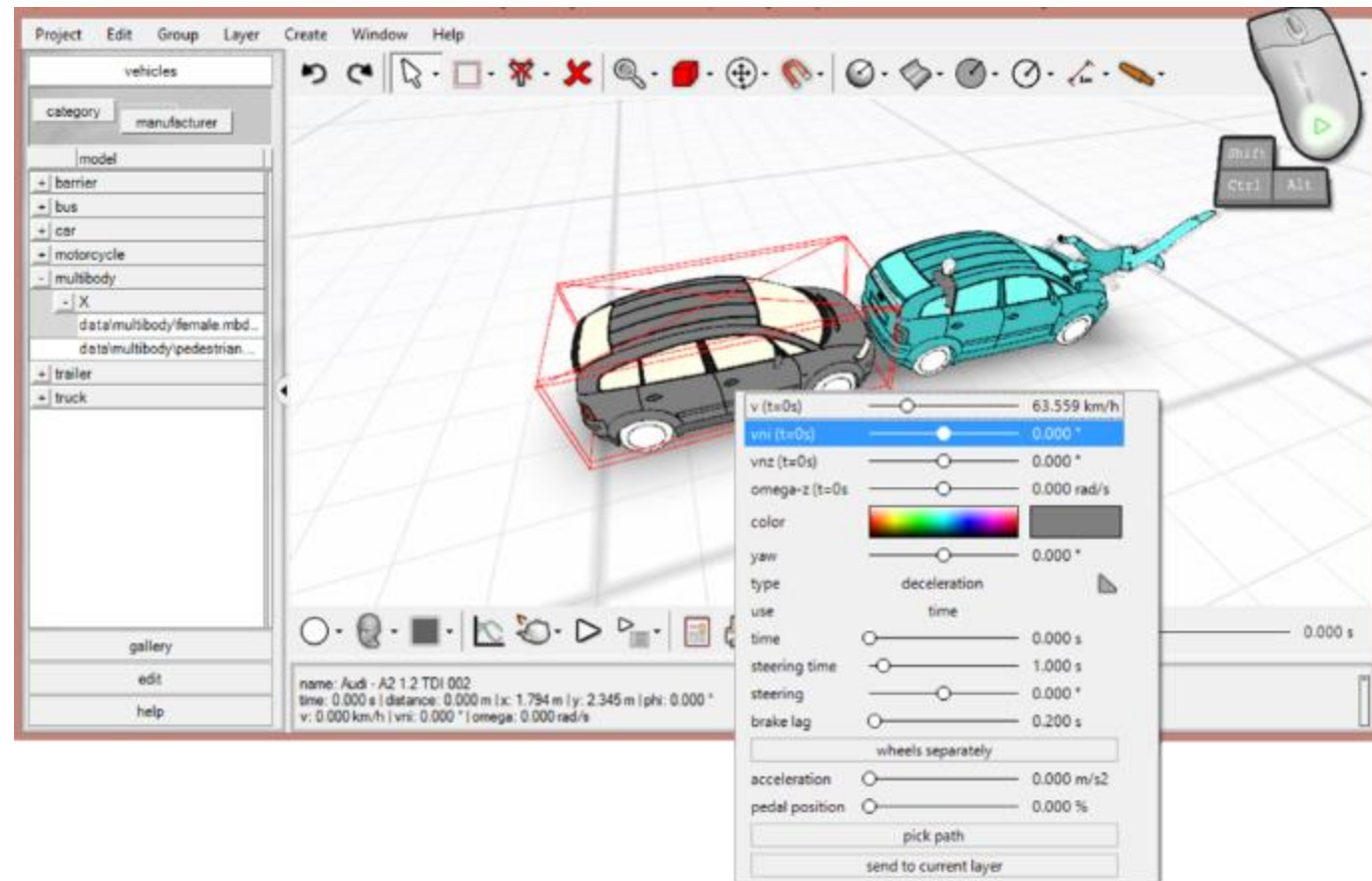# Car accident simulation/ visualization

Unique features in UC-Win/Road:

Car accident simulation/ visualization

Unique features in UC-Win/Road:

Full VR – no need to render

Car accident simulation/ visualization

Unique features in UC-Win/Road:

Rain and snow simulation

Car accident simulation/ visualization

Unique features in UC-Win/Road:

Fog simulation

Car accident simulation/ visualization

Simulation during disaster –when traffic lights are broken

Simulation when there is an obstacle on the road (car/branch)

Natural disaster, construction site accident

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