

Professional Visualization for Civil Engineers in Rendering and Animation



Half Day Seminar

Thurs
10 Nov
2022

Time:
2.00pm - 5.30pm

Venue:
IEM Secretariat Office
Refreshment will be served



REGISTER ONLINE @
event.iempenang.org

IEM Member : FOC
Non-IEM Member: RM 50



Speaker 1:
Mr Tan Beng Song



Speaker 2:
Ms Cha Shyh Lei

Programme

Time	Details
1.45pm-2.00pm	Registration
2.00pm-3.30pm	Topic 1
3.30pm-4.00pm	Tea Break
4.00pm-5.15pm	Topic 2
5.15pm-5.30pm	Q&A

In Collaboration with

Synopsis

"Learn how to leverage 3ds Max to create visual impacts for effective storytelling. Innovators, it's time to level up and maximize your potential with today's latest and greatest engineering and presentation tools"

Topic 1: Produce photorealistic rendering with 3ds Max

"In this session, you will learn how to leverage the flexibility and power of 3ds Max to create a compelling story for your stakeholders with photorealistic visuals, bringing the designs to life. Innovators, it's time to level up and maximize your potential with today's latest and greatest engineering and presentation tools."

Key takeaways / contents :

- Interoperability with Revit, Infracore, AutoCAD file to 3ds Max for Visualization
- Intro to Civil View for 3ds Max, a visualization tool that offers integration with a wide range of civil design applications including Civil 3D .
- Using preset physical material and Arnold standard surface to maximize flexibility in realistic material creation
- Using state of the art renderer - Arnold to achieve high quality rendering for sales and marketing

Topic 2 : Sell your idea effectively with animation

"As a full 3D suite , 3ds Max has been a standard tool for animation in entertainment and game industry. In this session , you will learn how to create dazzling simulation and animation walkthrough for your infrastructure design visualization."

Key takeaways / contents :

- Animate sunlight to simulate time change
- Create realistic water simulation with fluids
- Create simple fly through and aerial animation and export it as video for stakeholder's presentation
- Using populate plug in to create pedestrian in just a few clicks !

About the Speakers

Mr. Tan Beng Song started his career as a cad/cam engineer in a mold company and subsequently as a tool room manager in a plastic mold company. He has 29 years of working experiences in metal fabrication for various industry including plastic injection moulding, semiconductor and also medical and aerospace precision parts fabrication. Mr. Tan is currently a General manager in a listed company and also an adviser to Suntech Computer System Sdn bhd. He has completed his sixth form in year 1993.

Ms. Cha is a Media and Entertainment Solution Consultant in Tec D (M) Sdn Bhd, with 8 years of working experience in Animation Industry as Lead Modeler and Texture Artist. She involves in producing 3D assets for overseas projects from US, South Korea, Australia and France. She graduated with a bachelor's degree in Animation and Visual Effects from Multimedia University.