ES20861-R Daily Dynamo: Innovative Solutions to Everyday Structural Problems

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Class summary

Dynamo is exciting, and the examples of its capabilities are awe inspiring, but are they practical in a real-world structural workflow? When an engineer creates a Dynamo script that resembles a bowl of spaghetti but will create some elaborate structure, is that practical and useful on a daily basis?   While the farfetched and futuristic capabilities are exciting for probably 1% of projects, are they applicable to the other 99%? This session will focus on the other 99%. Due to the perception that it is only for the crazy stuff, many structural engineers have not explored Dynamo. Instead of ignoring a fantastic technology, engineers should learn ways to utilize Dynamo. This roundtable will offer an environment for structural engineers to share ideas for utilizing Dynamo to create innovative solutions to real-world, everyday problems.

Key learning objectives

At the end of this class, you will be able to:

- Share practical applications of Dynamo
- Discuss ways to utilize Dynamo to solve everyday problems
- Learn how to incorporate Dynamo into daily workflows
- Discuss how structural engineers are using Dynamo

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Overview

- 5 questions, roughly 10 minutes each, and see where the discussion takes us

- This is intended to be a collaborative environment to share ideas, struggles, etc., so please participate!

- Goal: Identify common engineering tasks that could be made more productive with the use of Dynamo – let's generate ideas and "problems", not necessarily in-depth solutions

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What kinds of tasks lend themselves well to the use of Dynamo?

What should Dynamo not be used for?

What tasks in Revit are repetitive?

What could Dynamo address that Revit can't on its own?

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Could Dynamo help with any engineering tasks?

Questions?

Thank you and please remember to fill out your surveys!

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