

[BES501039]

Fostering Computational Culture

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Learning Objectives

- Create a culture around computation: on projects and in the office (hacks, training)
- Identify where efficiency can be gained in your workflow
- Learn tried and true methods for upskilling: on-project hand holding, workflow creation, script roll-out
- Learn how to measure success: documenting your return on investment

Description

The reason computation is so intimidating is the same reason why it's amazing; it's near limitless abilities. Automating tasks leaves more space for engineering and less room for human error. But how do you get 2000+ employees interested and ready to give up their much-loved manual ways? This case study will showcase the importance of using computational tools on every project, and how to get even the most sceptical engineers to trust automation. We will talk about return on investment, who to upskill, and how to get very busy people to trust and use computational tools.

Speaker



[LinkedIn](#)

Alexis is a deployment specialist working and residing in Boston. Her experience in mechanical engineering as well as her background in software and coding fuels her love for complex problem-solving. At her last firm, she specialized in HVAC design for some of the top hospitals in Boston.

Now working for Buro Happold, she wears many hats. Including code support, documentation of tools created, implementation of tools on project and upskilling others in VBA, coding, and user interface tools made by her and her team. This is her first time speaking at Autodesk University.

About Buro Happold

Buro Happold is an international, integrated consultancy of engineers, consultants and advisers, with a presence in 31 locations worldwide, over 70 partners and 2,200 employees.

For over 45 years we have built a world-class reputation for delivering creative, value-led solutions for an ever-challenging world. As a truly inter-connected community of experts, we value human wellbeing, curiosity, embrace mutual responsibility and genuinely care about the impact and legacy of our work.

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