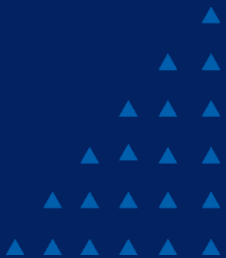


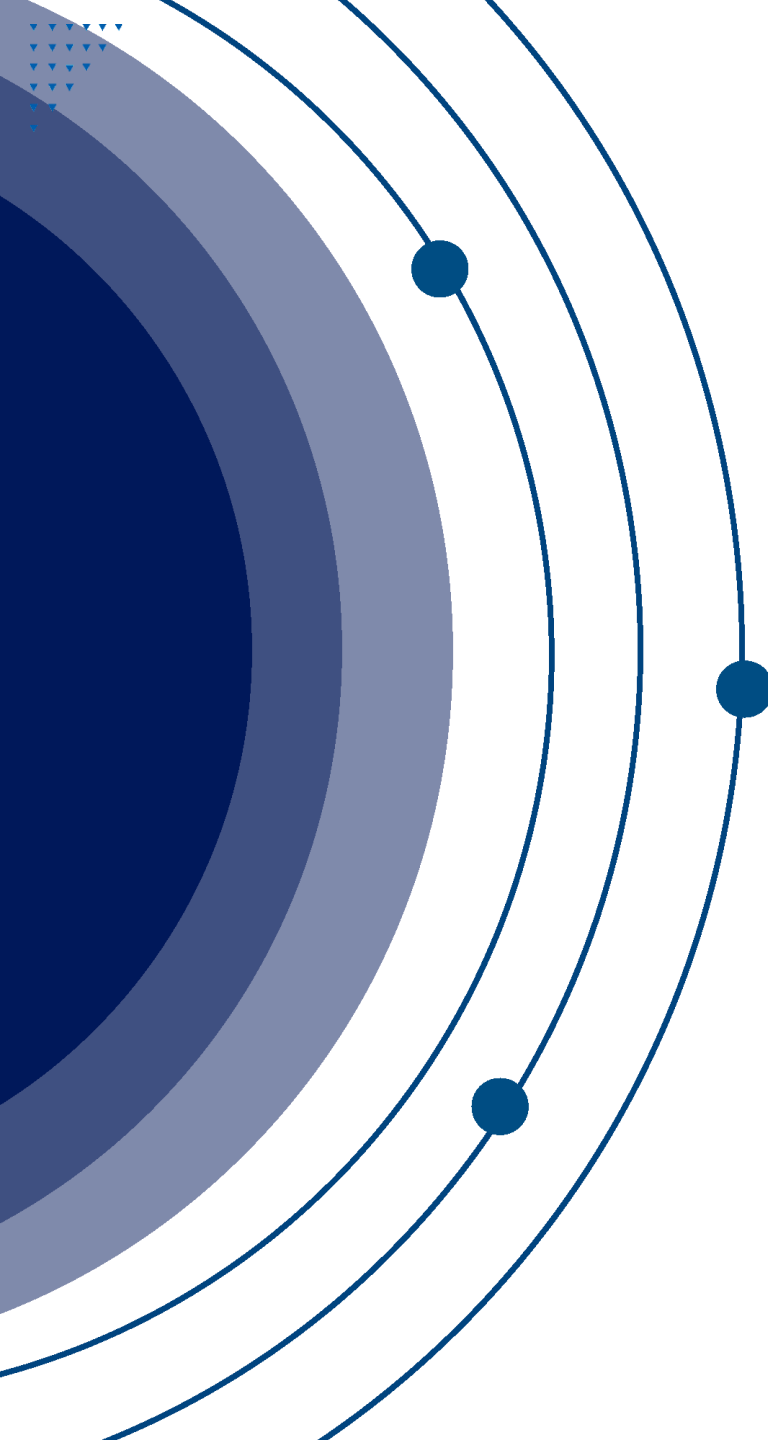
# Construction Performance and Productivity Improvement

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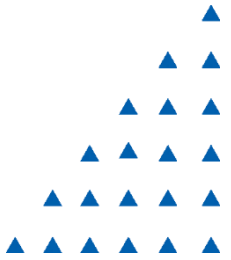


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# Final Wrap-up



# What we have learned so far...

- ❑ What is scientific research? The difference between research and development
- ❑ History of CEM research: What happened in past 70 years.
- ❑ How to formalize construction knowledge (horseshoe framework)
- ❑ How to write research aims/objectives/hypotheses
- ❑ How to write an abstract

# What we have learned so far...

- ❑ Methodologies used in CEM research
  - ❑ Quantitative: Discrete-event simulation, Optimization, Experimental research, Empirical Modelling, Survey method (guest lecture)
  - ❑ Qualitative: Ethnographic theory, Charrettes, Observational research, Delphi Method
  - ❑ Mixed Method
  - ❑ Validation
  
- ❑ How to review and evaluate peers' research/papers?
- ❑ How to write a research proposal
- ❑ How to translate research into invention

# Now what?

- ❑ Develop your research proposal
  - ❑ Select a topic
  - ❑ Design the study
  - ❑ Create a plan to how to execute
- ❑ Then execute the plan
- ❑ Publish
- ❑ Wish someone finds it useful

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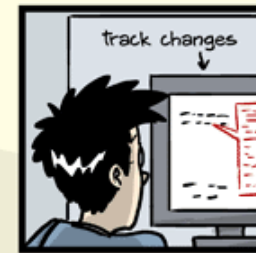
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# My role and your plan



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