

# 2025 AMS Bootcamp

## Latex Workshop

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# What is it?

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## Why people hesitate to use it:

- ◇ Steep learning curve when getting started, good templates?
- ◇ Overleaf renders too slowly and sometimes full of bugs.
- ◇ Different bibliography options and compilers are confusing.
- ◇ Working with scientists that prefer Word or Google Doc.

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- Great for thesis, projects, books, etc.



# Agenda

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## ① Setup

Go to GitHub link: [github.com/ziyuli22/2025\\_AMS\\_Latex\\_Workshop](https://github.com/ziyuli22/2025_AMS_Latex_Workshop) and download folder. Log into Overleaf account, upload folder.

## ② Common homework commands & expectations

## ③ Poster example

## ④ Presentation example

# Results

pause

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## Next Steps

- Analytical error bounds via kernel approximation methods.
- Implement co-primes for speed up.
- Integrate into fast conditional simulation in **fields**.