

**MATH 676**

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**Finite element methods in  
scientific computing**

Wolfgang Bangerth, Texas A&M University

# **Lecture 8.01:**

**Learning to use modern tools, part 1**

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**Eclipse: an Integrated Development Environment (IDE)**

**Update: Direct project setup via cmake**

# Eclipse

## **We have been hard at work:**

- In the previous two lectures, I showed how to set up Eclipse projects by hand
  - teach it manually about header file locations
  - teach it manually about Makefile targets
  - teach it manually about run configurations
- We can now do the first of these two automatically!

**Let me show you how!**

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