

# PAPER-BASED E-ASSESSMENT

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*or*

Let's over-complicate things

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# PAPER?

- Integrity of assessment
- Availability of resources - student & institute
- Level of technological 'comfort'

# BUT WHAT ABOUT...

- 'Instant' feedback?
- Personalised/randomised assessments?
- Efficiency and resources?

# BUT WHAT ABOUT... MCQ?

- 'Instant' feedback
- Personalised/randomised assessments
- Efficiency and resources

# TESTING...TESTING, ONE-TWO

	Paper	Online
Formative	Participation	Mastery
Summative	Tradition	Efficiency

# AUTO-MULTIPLE-CHOICE

- Free
- Open-source
- LaTeX-based document production
- Image processing for marking
- Highly customisable

# AMC: USEFUL FEATURES

- Shuffling/selection of questions
- Supports random variables (fp, pgfmath, pgfplot, tikz, LuaLaTeX)
- Scoring strategies
- Annotated/explained papers emailed to students
- Reports and data for instructors



# THE DILEMMA

- Want to use AMC for paper assessments but want the same questions to be available online
- How to do this efficiently?

