Presentations



Constructing a Good Oral Presentation



Professor Faith A. MorrisonDepartment of Chemical Engineering Michigan Technological University

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Constructing a Good Oral Presentation Video



Professor Faith A. MorrisonDepartment of Chemical Engineering Michigan Technological University

Presentations



Constructing a Good Oral Presentation

-Video-

Report



Professor Faith A. Morrison

Department of Chemical Engineering Michigan Technological University

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Best Practices

Content

- 1. Address your objectives
- 2. Know your audience
- 3. Tell a story
- 4.

Formatting

- 1. Avoid large amount of writing
- 2. Use colors that show up
- 3. Use big fonts
- 4. Don't overcrowd slides
- 5.

Presentation

- 1. Look out at audience
- 2. Move around a bit
- 3. Speak up
- 4.

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Can find good advice on the web:

- •http://www.d.umn.edu/~jgallian/goodP Ptalk.pdf
- •http://www.slideshare.net/orzelc/how-to-give-a-good-powerpoint-presentation
- •....

Presentations

Dave Paradi's PowerPoint Blog



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http://pptideas.blogspot.com/2011/09/full-results-of-annoying-powerpoint.html

- •Web survey
- •603 respondents

•What are your top three PowerPoint annoyances?

- 1. The speaker read the slides to us 74%
- 2. Full sentences instead of bullet points 53%
- 3. The text was so small I couldn't read it 48%
- 4. Slides hard to see because of color choice 34%
- 5. Overly complex diagrams or charts 26%



Dave Paradi, author of "102 Tips to Communicate More Effectively Using PowerPoint"

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Presentation

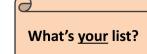
- 1. Look out at audience
- 2. Move around a bit
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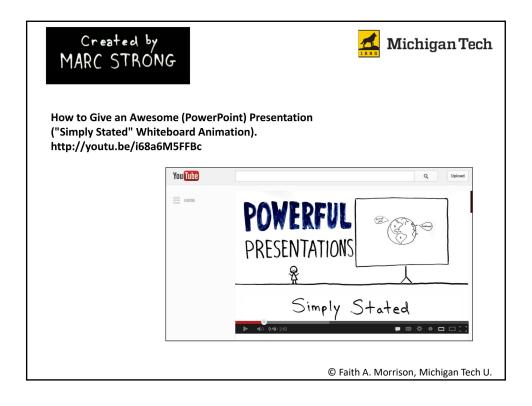
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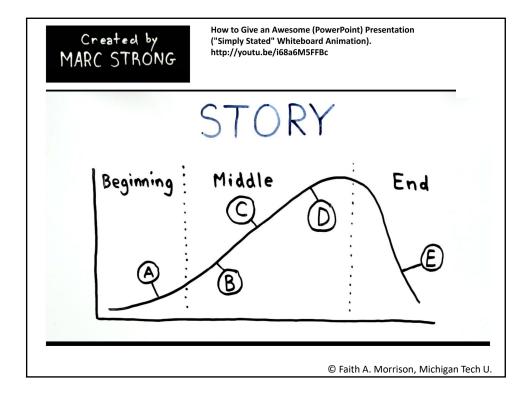


- Check Web
- Brainstorm



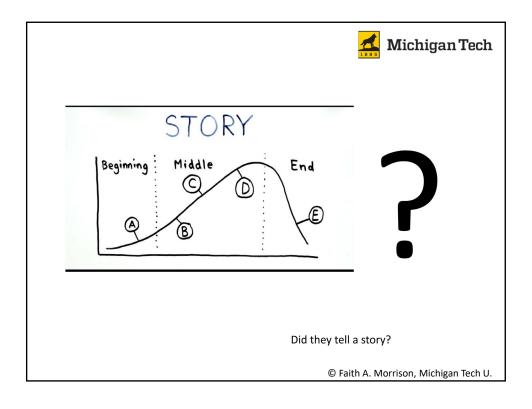
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Presentations





Next time you're in a presentation, take a look at their methods.





Presentations



Memo

To: Group 7A: Chelsea Cioffi and Kojo Quaye

Date: 4 February 2013

Subject: Fluidized Bed: Objectives for Cycle 1

The Departmental Staff has assembled four different fluidized bed columns for us to use to study the hydrodynamics of fluidized beds. We need to learn how to use this apparatus and to determine the accuracy with which any of the published models for flow through fluidized beds reflect our measurements on the actual beds. We would like to use the apparatus to study detailed dynamics of fluidized beds.

In particular we are interested in a thorough evaluation of the Ergun equation, a mapping of the flow types observed on the lab equipment, and a determination of the conditions of incipient fluidization for the column. For all objectives it is essential that the accuracy of the results be tested statistically. If you identify operating conditions that are not accurately represented by the Ergun equation, please find a model, if possible, that does accurately represent those regimes.

In parallel with the objectives above, we have been asked by a coworker to measure the heat transfer coefficient of the heating system for a fluidized bed as a function of operating conditions. Please compare your measured values with heat transfer correlations from the literature.

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Fluidized Bed Report

Objectives:

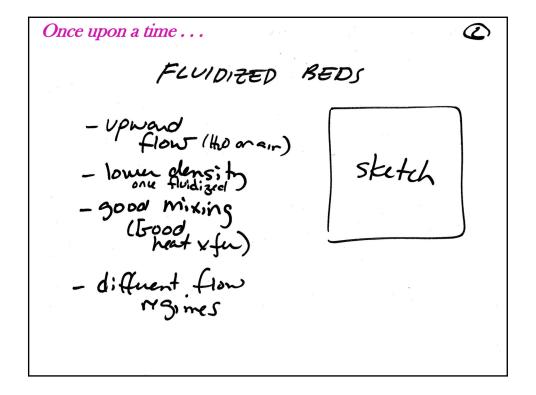
- Evaluate Ergin Egn

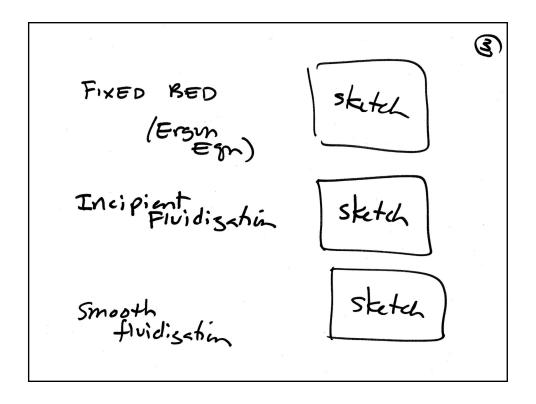
- map flow types

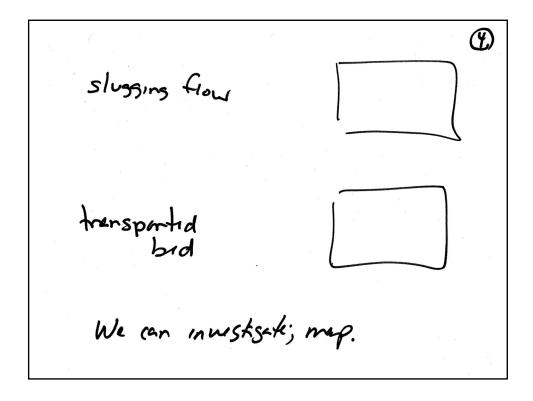
- determine conditions of
incipient fluidization

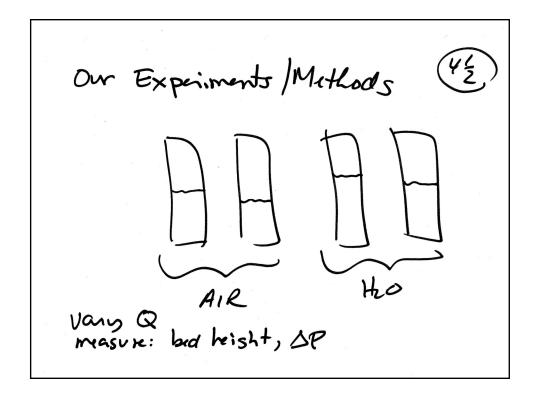
- measure teat xfn coef

of HE

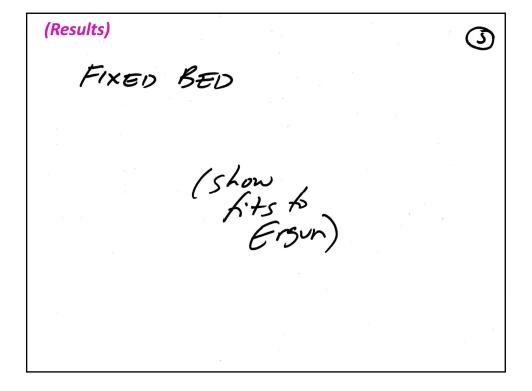








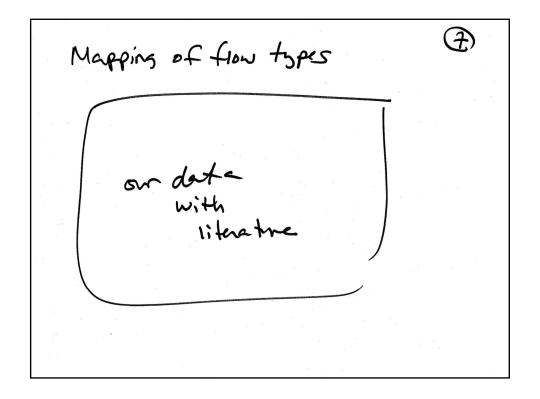
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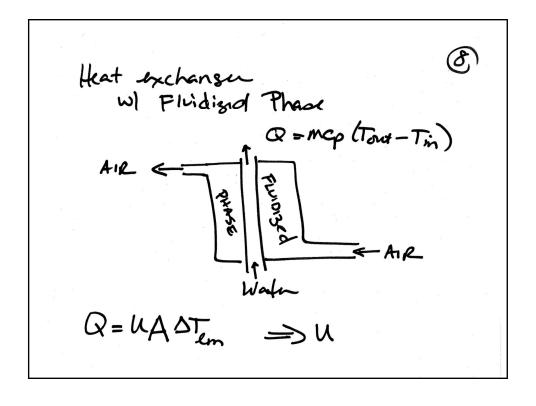


Incipient Fluidization

desaibe expts

Show date





Presentations

Results for u [w/m2k]

TABLE

Summary and Conclusions

- Luc's how our data compared
with Ergin

- the flow type map turned out
like this

- incipient fluidization was
sun to...

- Heat xfor coefs were mesond
a a< u < b W/m²k for
water Re of derece

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Now it's your turn:

Produce a "Storyboard" for your Friday Project Video