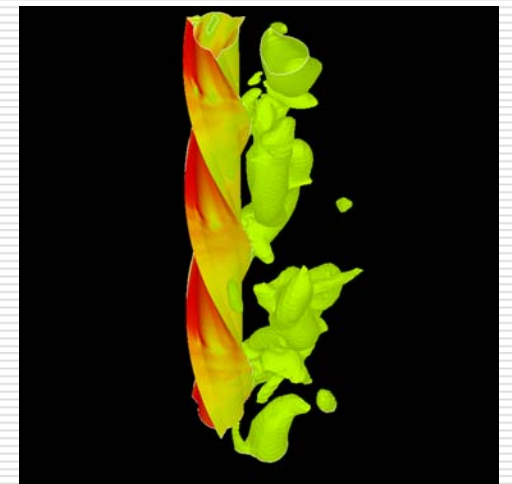


EFFECT OF VORTEX INDUCED VIBRATIONS IN OIL & GAS OPERATIONS: THE ROADMAP TO THE FUTURE

Brainstorming

Brainstorming v0.ppt



Purpose

- Generate list of proposed actions
 - Publish
 1. Draft for expansion
 2. Final for DeepStar/RPSEA/participant guidance
-

Outline

- 4 groups; ~1 hour
 - Address assigned theme first
 - Bullets w/ sufficient scope that an expert could design a project or write an RFP
 - Cycle through other 3 themes to capture ideas
 - ID top 3-4 projects for report out from assigned theme and a few from other themes
 - Completed by: _____
-

Groups / Themes

- A. Physics & Information
- B. Operations
- C. Prediction
- D. Rules & Guidelines

All ideas welcome:

- specific projects & challenges/needs suitable for generation of an RFP
-

Instructions

- Maximize ideas
 - Key words on scope & benefit very helpful
 - Name for future clarification helpful, but not req'd
 - Minimize rabbit trails!!!!
 - Capture on sticky, easel, PC,
-

Report out & discussion

- Group A major theme items
 - Groups B,C & D additions, if any

 - Group B major theme items
 - Groups A,C & D additions, if any

 - etc
-

Next steps

- ❑ Annual plan – major themes (flow assurance, VIV,)
 - ❑ RFPs – derived from this workshop & post-workshop input; prelim. oil company champion
 - ❑ Valid proposals – specific work plan + + funding to be matched
-