

Welcome

William Symes

The Rice Inversion Project - Annual Review 2015

April 24, 2016

Practicalities

- ▶ Safety, Facilities
- ▶ Parking
- ▶ Lunch at Cohen House (faculty club)

Staff

Director: William Symes

Postdocs: Guanghui Huang, Raanan Dafni

PhD students: Mario Bencomo, Lei Fu, Jie Hou,
Papia Nandi-Dimitrova, Igor Terentyev, Muhong
Zhou

[New PhD as of Feb.: Yin Huang]

Direction

Goal since '92: improve robustness, efficiency of FWI

Main tool: extended modeling

[4 good results @ Chevron 2014 blind test - 3 used extended model based methods]

Direction

Can these things ever migrate to 3D practice?

Need big improvements in reliability, cost

At least partly math & comp problems

Direction

Are we hitting at least some high points?

Let's see what you think...