



PROJECT PRODUCTION
INSTITUTE

2015 PPI Look Ahead

San Francisco | 3 December 2014

2014 Symposium Participating Firms

Anadarko Petroleum

DuPont

Royal Dutch Shell

Arrow Energy

Edgemarc Energy

SPS

Bahwan CyberTek

Factory Physics

SSA

Boldt

Gehry Technology

Sunpower Corporation

CH2MHill

Hess Corporation

Sutter Health

Chevron

Hepinstall Consulting

Stanford University

Continuum Performance

Intel Corporation

UC Berkeley

Deloitte

McChyrstal Group

USF

Devon Energy

NASA

University of Texas

DPR Construction

RQ Construction

Variance Reduction



2015 PPI Research – ongoing projects

- **“Application of Simulation Models to Optimize Onshore Oil and Gas Well Delivery”** Forest Flager, Martin Fischer, Stanford University
- **“Effective Implementation of Work Packaging for Complex Projects”** Iris Tommelein and Glenn Ballard, UC Berkeley
- **“An Operations Management Framework for Project Production System Design”** James Choo, SPS and Mark Spearman, Factory Physics
- **“Theoretical Models for Optimizing Project Processes”** Nelly Garcia and Martin Fischer, Stanford University
- **“Last Planner® System Revisited – 2014 Perspectives”** Glenn Ballard and Iris Tommelein, UC Berkeley



2015 PPI Research – emerging projects

- **“Implications of distributed control in large complex organizations”** - joint project with McChrystal Group
- **“Modularization and Offsite Assembly”** - joint project with Deloitte and P2SL
- **“Factory Physics for Projects”** - joint project with Mark Spearman and Factory Physics team



2015 PPI Dissemination

Publications from research projects

Introductory Seminars

- 1 day introductory course – PPM fundamentals
- Nominal fee to cover expenses
- Any proceeds applied 100% to research activity

CIFE/PPI VDC Certification Program

- Lima, Oslo, Palo Alto, and others

CIFE/PPI short course in PPM – Stanford Campus



PPI Core Values

- Accuracy:** PPI creates and distributes accurate information about project production theory and practice
- Integrity:** PPI respects our constituents, acknowledges other bodies of thought, and provides a forum for open and honest discussion
- Transparency:** PPI shares our research and knowledge openly within our industry



PPI 2014 PPI Technical Achievement Award

Recognizing his many contributions to the field of Operations Management theory, including development of new theory, codification of existing theory, teaching, research and writing ...

The 2014 recipient of the PPI Technical Achievement Award is ...

Mark Spearman
Factory Physics

