

SECA Core Technology Program



**June 18-19, 2002 Workshop
Welcome**

**Don Collins (NETL)
Prahbakar Singh (PNNL)
June 18, 2002**



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Welcome Discussion

- Workshop Objectives
- Peer Review
- Guest Speakers
- Project Management Team
- Hotel & Workshop Logistics



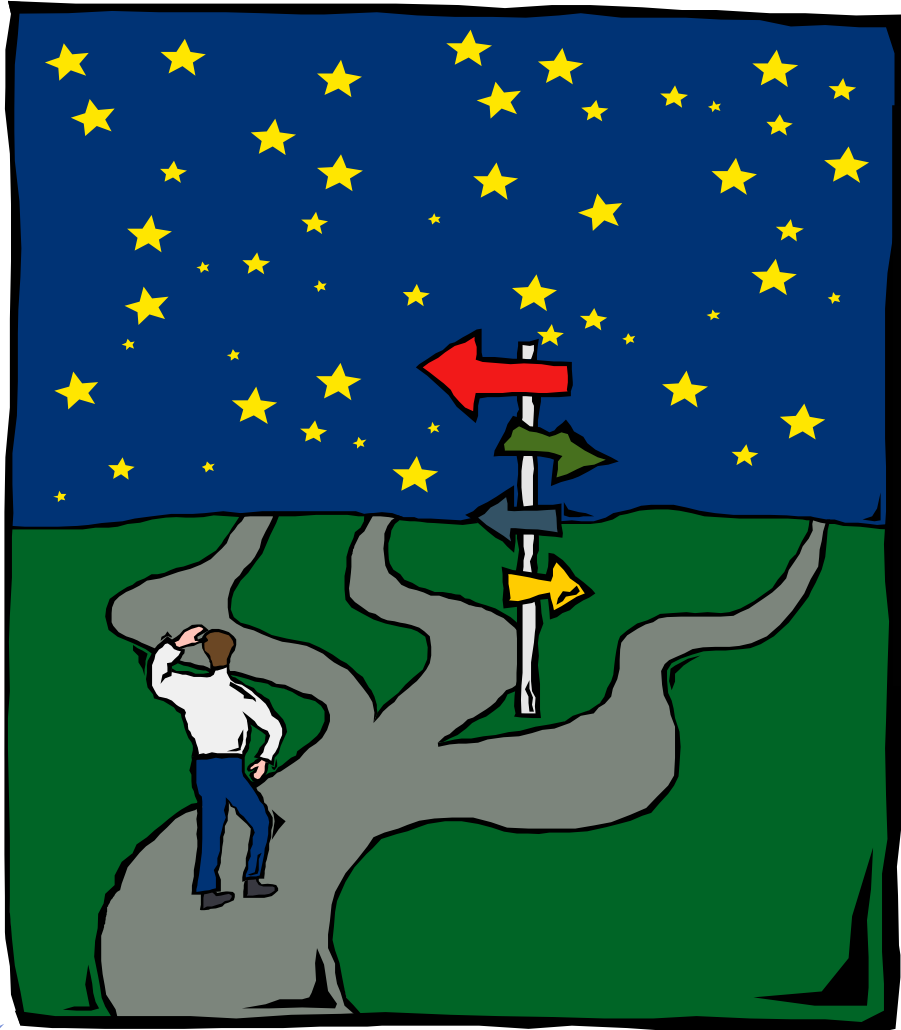
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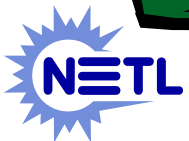


Where Are We Headed?



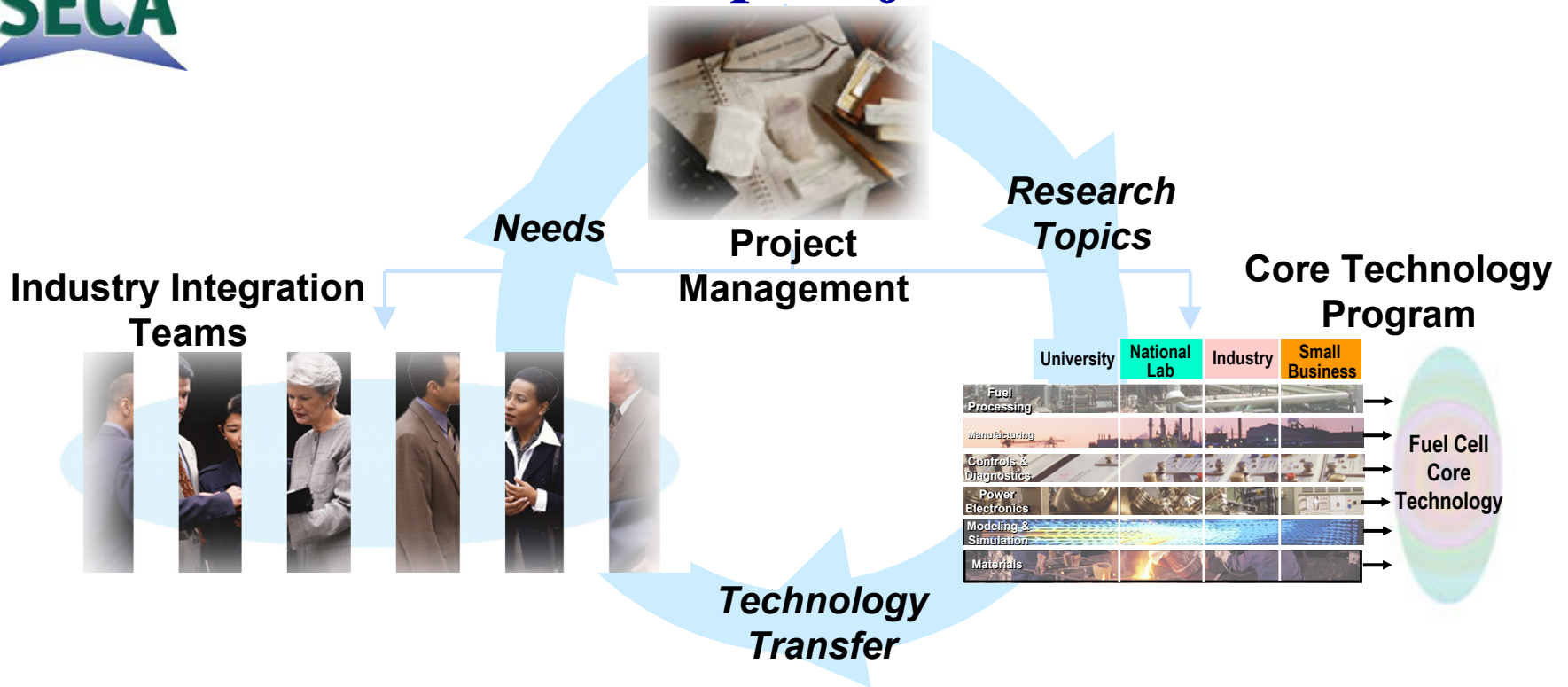
**You got to be careful,
if you don't know
where you're going
because you might
not get there!**

Yogi Berra





Workshop Objectives



- **Transfer Science & Technology**
 - SECA Industry Teams
 - Core Researchers
 - Support & Leverage Programs
 - Other Fuel Cell Developers

- **Suggestions for Improvement**
 - Question & Comment Periods
 - Peer Review Forms

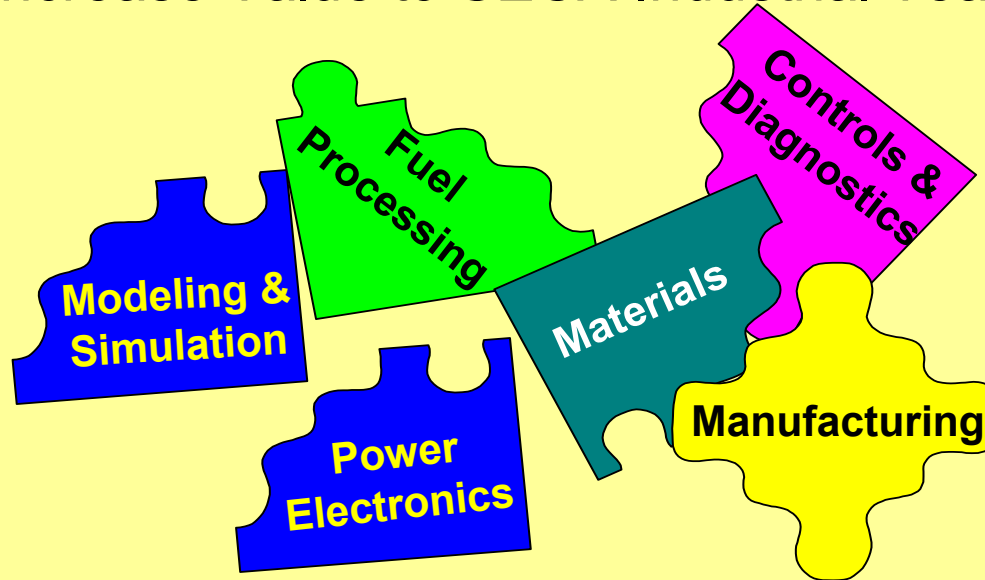


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SECA Core Technology Peer Review Objectives

- **Progress Assessment**
 - Timely, **Constructive** & **Critical** Feedback
 - Increase Likelihood of Success
- **Strengthen Value of R&D Portfolio**
 - Increase Value to SECA Industrial Teams



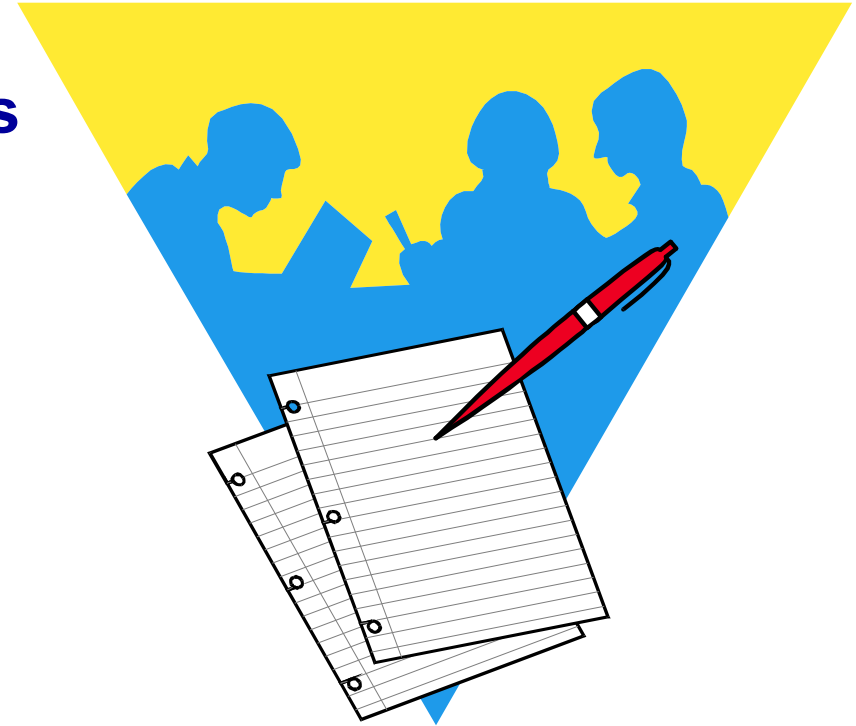
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Peer Review Forms

- Science & Technology Issues
- Objectives & Approach
- Results
- Applicability
- Additional Comments



Evaluate areas you feel qualified to assess!



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Peer Review Scale & Definitions

Check One

Not at all Marginal Significant Superior Outstanding

Not at all – is viewed to be inferior in quality and amount, possibly duplication of existing work

Marginal – provides/likely to provide little useful knowledge or technology advancement

Significant – has/will have an influential impact on the core science and technology

Superior – is considerable in quantity, quality of advancement of core science and technology

Outstanding – marked by eminence and distinction in advancing the state-of-the-art and/or knowledge in the fields of science and engineering



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Review Process Summary

- **Core Technology Project Presentations**
 - Project Objectives & Results
 - Non-proprietary Information
 - Industry & National Lab Staff Participate Remotely
- **Verbal & Written Constructive Comments**
 - Written Comments on Peer Review Forms
 - Industry Verbal Feedback at Workshop
- **Core Participant Review & Reply to Comments**
 - Reply to Comment Issues
- **DOE NETL Redirect Projects as Needed**

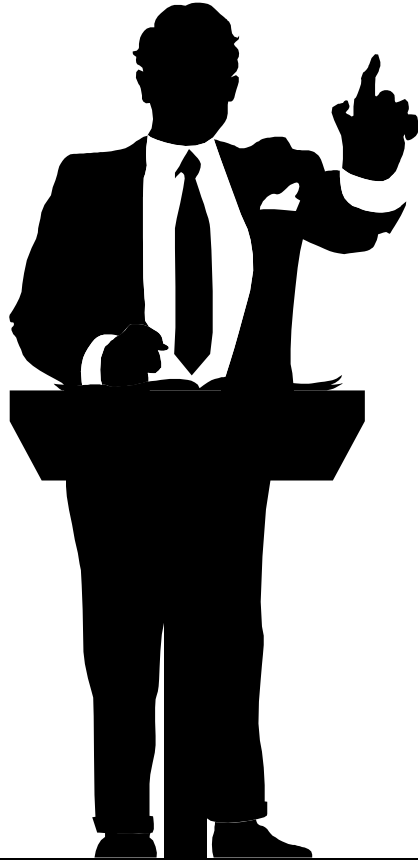


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Guest Speakers



☆ **Terry DuBois**

U.S. Department of the Army

☆ **Robert Glass**

Lawrence Livermore National Laboratory

☆ **James Hardy**

Oak Ridge National Laboratory

☆ **Susan Maley**

National Energy Technology Laboratory

☆ **Don Adams**

Oak Ridge National Laboratory



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Project Management Team

- **Materials**

Lane Wilson (NETL) & Jeff Stevenson (PNNL)

- **Manufacturing**

Wayne Surdoval (NETL) & Prahbakar Singh (PNNL)

- **Fuel Processing**

Dave Berry (NETL) & Dave King (PNNL)

- **Controls & Diagnostics**

Susan Maley (NETL) & Bob Glass (LLNL)

- **Power Electronics**

Don Collins (NETL) & Don Adams (ORNL)

- **Modeling & Simulation**

Bill Rogers (NETL) & Moe Kahleel (NETL)



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Hotel & Workshop Logistics

- **Hotel**
 - Restrooms
 - Breaks & Lunch
 - Hotel Shuttle (10 mile limit ++)
 - Business Center in Lobby
- **Workshop**
 - Agenda & Times
 - Peer Review Forms
 - Net-Conferencing Participants



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**What's the use of running fast
if you're not on the right road?**

Old German Proverb

