WindSTAR Industrial Advisory Board Meeting

*DRAFT* Agenda

February 3-4, 2016

TI Auditorium, ECSS 2.102

Day 1: Wednesday, February 3

7:30AM  Registration

7:30 - 8:20AM  Continental Breakfast & Networking

8:20 - 8:30AM  Welcome Remarks

4:20 - 4:30PM  Discussion of WindSTAR Research Roadmap

Dr. Christopher Niezrecki, WindSTAR Director

Dr. Stefano Leonardi, WindSTAR Site Director

9:00 - 9:15AM  NSF I/UCRC Presentation

Dr. Don Davis, NSF Center Evaluator

9:00 - 9:15AM  Meeting Goals, Vision

Dr. Christopher Niezrecki, WindSTAR Director

Dr. Stefano Leonardi, WindSTAR Site Director

9:15 - 9:30AM  WindSTAR Center Capabilities and IAB Update

Dr. Christopher Niezrecki, WindSTAR Director

9:30AM - 10:00AM  Project Presentations, Discussion, LIFE Forms

(20 min. presentation, 5 min. discussion, 5 min. LIFE form)

E2-15 Extremum Seeking Control for Wind Turbine Power Maximization

10:00 - 10:15AM  Break

10:00 - 10:15AM  Project Presentations, Discussion, LIFE Forms

(20 min. presentation, 5 min. discussion, 5 min. LIFE form)

E3-15 Two-Step Optimization for Maximizing Wind Farm Power Output

A1-15 Design for Composite Wind Turbine Blade Manufacturing

A3-15 Failure Prevention via Self-Healing Materials

10:15 - 11:45AM  Project Presentations, Discussion, LIFE Forms

(20 min. presentation, 5 min. discussion, 5 min. LIFE form)

A1-15 Design for Composite Wind Turbine Blade Manufacturing

A3-15 Failure Prevention via Self-Healing Materials

11:45AM - 12:30PM  Lunch

12:30 - 1:30PM  Project Presentations, Discussion, LIFE Forms

(20 min. presentation, 5 min. discussion, 5 min. LIFE form)

D1-15 Large Area Turbine Blade Inspection

B1-15 Low-Cost Wind Turbine Blade Structural Health Monitoring

1:30 - 3:00PM  Member Company Presentations

(10 min. presentations: Company Intro, Challenges, Skills Needed)

3:00 - 3:20PM  Break

3:20 - 4:20PM  Discussion of WindSTAR Research Roadmap

Dr. Christopher Niezrecki, WindSTAR Director

Dr. Stefano Leonardi, WindSTAR Site Director

4:20 - 4:30PM  Recap & Evening Preview

Dr. Stefano Leonardi, Review of Evening and Day 2 Activities

Parallel Session: Member Companies

4:30 - 5:00PM  Center Operations: Center ByLaws

Parallel Session: Guest Companies

4:30 - 5:00PM  IAB Information Session

Dr. Christopher Niezrecki, WindSTAR Director

Dr. Stefano Leonardi, WindSTAR Site Director

Dr. Don Davis, NSF Program Office

5:00 - 6:00PM  Poster Session, Faculty Dining Room, Student Union

6:00 - 7:30PM  Dinner & Invited Speaker Presentation, Faculty Dining Room, Student Union
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Day 2: Thursday, February 4

7:30 - 8:00AM   Arrival, Continental Breakfast, Networking
8:00 - 9:00AM   LIFE Form Review and Discussion
9:00 - 10:30AM  Closed Door IAB Meeting
10:30 - 10:50AM Break
10:50 - 11:30AM IAB Report Out, Discussion
11:30AM - 11:45PM Action Items and Plan for Summer Meeting
12:00 - 12:00PM Summary and Closing Remarks

Dr. Christopher Niezrecki, WindSTAR Director
Dr. Stefano Leonardi, WindSTAR Site Director

12:00PM   Adjourn Meeting