# Industrial Advisory Board Meeting Agenda

University of Texas at Dallas 800 W. Campbell Road Richardson, TX 75080

## January 28-29, 2015

TI Auditorium, University of Texas at Dallas

**Day 1: Wednesday – January 28**

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| **7:30 am** | **Registration** |
| **7:30 - 8:15 am** | **Breakfast and Networking Time** |
| **8:15 - 8:40 am** | **Welcome Remarks**  Mario Rotea, WindSTAR Site Director, UT Dallas Bruce Gnade, Vice President Research, UT Dallas  Dean Spong, Dean of Engr. and Computer Sci., UT Dallas |
| **8:40 - 9:15 am** | **NSF I/UCRC Presentation**  Raffaella Montelli, NSF Program Director Don Davis, Center Evaluator |
| **9:15 – 9:45 am** | **Meeting Goals, Vision and Center Capabilities, IAB Update**  Christopher Niezrecki, WindSTAR Director Mario Rotea, WindSTAR Site Director |
| **9:45 - 10:00 am** | **Break** |
| **10:00 - 11:30 am** | **Project Presentations, Discussion, and LIFE Forms**  20 min. presentation followed by 10 min discussion with IAB and evaluation   * E2-14 Extremun Seeking Control for Wind Turbine Power Maximization * E3-14 Two-step Optimization for Maximizing Wind Farm Power Output * A1-14 Design for Composite Wind Turbine Blade Manufacturing |
| **11:30 - 12:30 pm** | **Lunch** |
| **12:30 - 1:30 pm** | **Project Presentations, Discussion, and LIFE Forms**  20 min. presentation followed by 10 min discussion with IAB and evaluation   * A3-14 Failure Prevention via Self-healing Materials * D1-14 Large Area Turbine Blade Inspection |
| **1:30 - 2:30 pm** | **Roadmap for WindSTAR Research**   * Interactive discussion with IAB members. Open to WindSTAR faculty and staff |
| **2:30 - 2:45 pm** | **Break** |
| **2:45 - 3:45 pm** | **Discussion of Center Operation**   * Center By-Laws |
| **3:45 - 4:00 pm** | **Review of Evening and Day 2 activities**  Mario Rotea, WindSTAR Site Director |
| **4:00 - 5:00 pm** | **IAB Prospect Companies Information Session** (Location: Faculty Dining Hall) Christopher Niezrecki, Center director  Mario Rotea, WindSTAR Site Director Raffaella Montelli, NSF Program Director |
| **5:00 - 6:00 pm** | **Poster Session** (Location: Faculty Dining Hall)   * IAB Members and prospective WindSTAR companies, faculty, and students |
| **6:00 - 7:15 pm** | **Dinner & DOE Presentation** (Location: Faculty Dining Hall)   * Featured presentation by Dr. Mike Robinson, NREL and DOE |

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**Day 2: Thursday – January 29**

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| **7:30 - 8:00 am** | **Arrival & Breakfast** |
| **8:00 - 9:00 am** | **LIFE FORM Review and Discussion** (led by Donald Davis) IAB, *PIs and co-PIs must be present* |
| **9:00 - 10-:30 am** | **Closed Door IAB Meeting** (IAB Members only and NSF)   * Discussion of projects |
| **10:30 - 10:45 am** | **Break** |
| **10:45 - 11:30 am** | **AB Report Out, Discussion**  IAB Members, Center and Site Directors, NSF |
| **11:30 - 11:50 am** | **Action Items and Plans for Next Semiannual Meeting**  IAB Members, Center and Site Directors, NSF |
| **11:50 - 12:00 pm** | **Summary and Closing Remarks**  Christopher Niezrecki, Mario Rotea |
| **12:00 pm** | **Adjourn Meeting**  **Boxed Lunches** (available to go) |