Welcome Reception at Lyceum Parlor, University of Mississippi
Monday, November 2, 2015
6:00 pm – 8:00 pm

Tuesday, November 3, 2015- Ball Rooms A, B
The Inn at Ole Miss, University of Mississippi

7:45 am Participant Registration

7:45 - 8:15 am Breakfast and Networking Time

8:15- 8:35 am University of Mississippi Welcome Address
Alice Clark, Vice Chancellor for Research, UM
Alexander Cheng, Dean, School of Engineering, UM

8:35- 8:50 am Center Update
Tamal Bose, Center Director, University of Arizona

8:50-9:00 am Center Activities, IAB Chair Perspective,
Mark Pierpoint, Vice President & General Manager, Keysight Technologies

9:00 - 9:30 am Industry Members: Brief company background and expectations from IAB meeting (3 minutes per participant). Moderator: Mark Pierpoint

9:30- 9:50 am NSF Presentation
Thyagarajan Nandagopal, Program Director, CNS, NSF

9:50 - 10:00 am LIFE FORM Overview
Denis Gray, NSF I/UCRC Evaluator & Professor, NC State University

10:00- 10:20 am BREAK

10:20 - 10:50 am Project Presentations, Chaired by Alexander Yakovlev, University of Mississippi
“Elliptical metasurface cloaks in printed antenna technology for improved spectrum Efficiency,” Alexander Yakovlev, UM

10:50 - 11:20 pm “From cognitive radio to meta-cognitive radio: the frameworks, architectures, and Implementations,” Michael Marefat, University of Arizona

11:20 - 11:55 pm “Radio Hound: A low-cost spectrum beacon/sensor with millimeter wave capability,” Jon Chisum, University of Notre Dame
Site Status Update, Nick Laneman, University of Notre Dame
11:55 - 12:55 pm  LUNCH

12:55 - 1:20 pm  Project Presentations, Chaired by John Daigle, University of Mississippi
    “Thermoacoustic effects and its applications,” Hao Xin, University of Arizona

1:20 - 1:50 pm  “Opportunistic spectrum sharing in LTE-unlicensed with Lyapunov based auction,” Shiwen Mao, Auburn University

1:50 - 2:20 pm  “A new model to utilize TV white spaces,” Hang Liu, Catholic University of America

2:20 - 2:50 pm  “Integrated secure and reliable wireless access network for athletic collision detection,” Matthew Morrison, University of Mississippi


3:20- 3:40 pm  BREAK

3:40- 3:55 pm  NSC update- Concept Paper Evaluation Takeaways
    Lei Cao and Alexander Yakovlev, University of Mississippi

3:55 - 4:00 pm  Overview of Agenda Items for Day 2, Ramanarayanan “Vish” Viswanathan, University of Mississippi

4:00 pm- 6:00 pm  Poster Session and Social

6:15 pm  Dinner
    Best Poster Awards

Wednesday, November 4, 2015- Ball Rooms A, B
The Inn at Ole Miss, University of Mississippi

8:00 - 8:30 am  Arrival and Breakfast

8:30- 9:30 am  Company Perspectives (7 minutes per company). Moderator:
    Rick Scholes, Raytheon

9:30- 10:00 am  New Initiatives: ERC, MRI, other collaborative proposals

10:00 - 10:15 am  BREAK

10:15 - 11:30 am  IAB Meeting (Closed Session: Members, Center Site Faculty, and NSF only)
    a) LIFE Forms, Denis Gray
    b) Voting on Projects
    c) Feedback from IAB about this meeting
    d) Next Meeting Location, Agenda and Theme

11:30 am  ADJOURN (Box lunches)