

Meeting Agenda

NSF I/UCRC on Optical Wireless Applications – COWA



November 28 - 30, 2012 Atlanta, GA

November 28th

7:00 - 8:30 pm Dinner Reception - **Briza Restaurant, 866 W. Peachtree Street**

[Organizers Biography Page](#)

November 29th

7:45 am Registration open - **Boardroom - 5126, Centergy One, 5th Floor, 75 Fifth Street.**

7:45 - 8:25 am Breakfast and Networking Time

8:25 - 8:30 am Welcome remarks: Dr. G. May - (Dean, College of Engineering, Georgia Tech)

8:30 - 8:35 Introduction: Information Ecosystem: Dr. Nikil Jayant

8:35 - 9:30 am Meeting Goals and Agenda - Dr. G.K. Chang.

COWA Vision and Capabilities and Penn State Updates - Dr. M. Kavehrad.

Georgia Tech Updates - Dr. G.K. Chang.

9:30 - 10:00 am NSF I/UCRC presentation: Dr. L. Hornak-I/UCRC Program Director and Mr. S. McGregor-Center Evaluator

10:00 - 10:15 am BREAK

10:15 - 11:55 am **Project Presentations:** (50 minutes each, including filling LIFE)

- GS12-1: All-Band Multi-Gigabit Wireless Over Optical Transport Network [M. Zhu, J. Wang]
- PS12-1: Optical Wireless Communication Systems using Light Emitting Diodes in Visible Light Bands as Optical Transmitters [S. Chowdhury, B. Ranjha].

NSF LIFE (Level of Interest, Feedback and Evaluation) forms must be filled out after each project presentation. LIFE forms must be collected at the end of the session.

11:55 - 1:10 pm LUNCH - **Georgia Tech Hotel Restaurant, 800 Spring Street.,**

Atlanta

1:10 – 1:55 pm **New Project Presentations:** (20 minutes each, including filling LIFE)

- GS12-2: Radio-over-Fiber Cloud for Computing and Mobile Backhauling using Converged Optical and Wireless Access Networks [Ch. Liu].
- PS12-2: Optical Wireless Networked-Systems for Positioning and Navigation with Optimized Transceivers [W. Zhang].

NSF LIFE (Level of Interest, Feedback and Evaluation) forms must be filled out after each project presentation. LIFE forms must be collected at the end of the session.

1:55 - 2:40 pm **Other Project/Proposals Presentations:** (20 minutes each, including filling LIFE)

- GF12-1: Radio Access Unit Design and Integration using Versatile Microwave-Photonics-Assisted Techniques [J. Hsin, Ch. Liu]
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- PF12-1: Very High Speed Infrared Wireless Links, 10 Gbps and Beyond [S. Chowdhury]

NSF LIFE (Level of Interest, Feedback and Evaluation) forms must be filled out after each project presentation. LIFE forms must be collected at the end of the session.

2:40 - 3:00 Interests of Industry Members - short slide presentations by Industry Advisory Board Members

3:00 - 3:15 pm BREAK

3:15 - 4:15 pm LIFE FORM Review and Discussion (moderated by Mr. S. McGregor, Center Evaluator)

NOTE: Faculty and Students are encouraged to attend this session.

4:15 - 5:00 pm **Center Workshop** - Discussion of COWA technical and administrative progress and future plans, and IAB roles and responsibilities; members, almost-members and directors.

5:00 - 6:30 pm Poster Session ([List of Posters](#)), Technical Forum, Social Networking - **TSRB Banquet Room**

6:30 - 8:00 pm **Catered Dinner, TSRB Banquet Room 1st floor, 85 Fifth Street.**

November 30th

7:45 - 8:15 am Arrival and Breakfast - **Boardroom - 5126, Centergy One, 75 Fifth Street.**

8:15 - 9:00 am **Center Workshop (continuation)** - Discussion of COWA technical

and administrative progress and future plans, and IAB roles and responsibilities; members, almost-members and directors.

- 9:00 - 9:45 am NSF Closed Session with Industry (IAB Members and Center Evaluator)
- 9:45 - 10:00 am BREAK
- 10:00 - 10:45 am IAB Report-out to Directors and Center Discussions
- 10:45 - 11:00 am Summary and Closing Remarks (Site Directors)
- 11:00 am BOX LUNCH / ADJOURN