

**Next Meeting Agenda**  
**NSF I/UCRC on Optical Wireless Applications – COWA**



**May 15 - 17, 2013    University Park, State College, PA.**

**May 15<sup>th</sup>**

6:00 pm            Registration and Reception -  
7:00 pm            Dinner

**Speakers Biography**

**May 16<sup>th</sup>**

7:30 am            Registration open -

7:30 - 8:00 am      Continental Breakfast and Networking Time

8:00 - 8:15 am      Welcome remarks: Dr. M. Kavehrad, Dr. G.K. Chang and Dr. D.N. Wormley - Dean of the College of Engineering at Penn State.

8:15 - 8:45 am      Meeting Goals and Center Updates (Dr. Kavehrad and Dr. Chang)

8:45 - 9:30 am      NSF I/UCRC presentation: Dr. Larry Hornak - NSF-I/UCRC Program Director and Mr. S. McGregor-Center Evaluator

9:30 - 9:45 am      BREAK

9:45 - 11:45 am    Project Presentations: (25 minutes each, including filling LIFE)  
PS12-2: Optical Wireless Networked-Systems for Positioning and Navigation with Optimized Transceivers [W. Zhang, D Ganti].  
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, Z. Zhou].  
GS12-2: RoF Cloud for Computing Mobile Backhaul Applications using Converged Optical and Wireless Access Networks [Cheng Liu and Lin Cheng ].  
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.

11:45 am - 12:45 pm LUNCH -

1:00 – 1:45 pm      Tour of Materials Research Institute (MRI)

- 2:00 - 3:15 pm      New Projects Updates / Industry Briefs  
 GS13-1: Ultra-high Speed Wireless Access Technologies on 100GHz and Beyond RF Bands [Cheng Liu and Ze Dong ].  
 PF12-1: Very High Speed Infrared Wireless Links for High-Resolution Digital Video Transmission [S. Chowdhury].  
 Industry / University Briefs - F. Feisullin [ Sprint - CTO], S. Thompson [Oberon - President], S. Yin [EE Prof.- PSU], C.N. Giebink [EE Prof. - PSU] and F. Chan [EE Prof. - Royal Military College, Canada].  
 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.
- 3:15 - 3:30 pm      BREAK
- 3:30 - 4:30 pm      LIFE FORM Review and Discussion (moderated by Mr. S. McGregor, Center Evaluator)  
 NOTE: Faculty and Students are encouraged to attend this session.
- 4:30 - 5:30 pm      Center Workshop - Discussion of COWA technical and administrative progress and future plans, and IAB roles and responsibilities; members, almost-members and directors.
- 6:00 - 7:00 pm      Posters Session ( [POSTERS](#) ), Technical Forum, Social Networking
- 7:00 - 9:00 pm      Dinner

### May 17<sup>th</sup>

- 7:30 - 8:00 am      Arrival and Continental Breakfast -
- 8:00 - 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      Closed IAB Meeting Session - IAB Chair and Industry Members
- 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

### **ROOMS FOR EVENTS**

[Nittany Lion Inn Hotel Floor Plan \(click for a PDF map\)](#)

- May 15 - Registration and reception 6:00 - 7:00 pm – Alumni Lobby  
 May 15 - Dinner 7:00 - -9:00 pm – Alumni Fireside Lounge  
 May 16 - Meetings and breaks 7:30 am -5:30 pm – Alumni Fireside Lounge  
 May 16 - Buffet lunch 12:00 noon – 1:00 pm – Alumni Lobby  
 May 16 - Reception / Posters Session 6:00 – 7:00 pm - Faculty Staff Club - II  
 May 16 - Dinner 7:00 – 9:00 pm - Faculty Staff Club - II  
 May 17 - Meetings and breaks 7:30 am -11:00 noon – Alumni Fireside Lounge  
 May 17 - Boxed lunches 11:00 am – 12:00 pm – Alumni Lobby