

# Center on Optical Wireless Applications



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## Register for Meeting

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## Upcoming Agenda

[November 2014](#)

## Previous Agenda

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## Meeting Agenda

May 21 - 23, 2014

**Penn State University in State College, PA**

[The Penn Stater Conference Center and Hotel](#)

215 Innovation Blvd.  
State College, PA 16803

### Wednesday, May 21

6:00pm	Registration and Reception (Executive Room 1&2 Lobby; Garden Level)
7:00pm	Dinner (Executive Room 1&2; Garden Level)

### Thursday, May 22

7:30am	Registration (Room 106 Lobby)
7:30 - 8:00am	Continental Breakfast and Networking (Room 106 Lobby)
8:00 - 8:15am	Opening Remarks (Room 106)
	<ul style="list-style-type: none"> <li>• Dr. Amr Elnashai , Dean, College of Engineering, PSU</li> </ul>
8:15 - 8:45am	Meeting Goals and Center Updates by COWA Directors
8:45 - 9:30am	NSF I/UCRC Presentation:  Program Overview by Shashank Priya, I/UCRC Program Director, and LIFE Evaluation Process by Steve McGregor, Center Evaluator
9:30 - 9:45am	Break (Room 106 Lobby)
9:45am - 12:00pm	Project Presentations and LIFE Feedback (Room 106)
	<ul style="list-style-type: none"> <li>• GS12-2: Radio-over-Fiber Cloud Computing for Mobile Backhaul using Converged Optical and Wireless Access Networks.</li> <li>• GS12-1: All-Band Multi-Gigabit Wireless over Optical Transport Network.</li> <li>• GS13-1: Ultra-High Speed Wireless Access Technologies on 100GHz Frequencies.</li> <li>• GF13-1: Coordinated Multipoint Operation for Next-Generation All-band Cloud Radio Access Networks.</li> <li>• Proposal GS14-1: Advanced Digital Signal Processing for Visible Light and RF Photonic Wireless Communication Systems.</li> <li>• Proposal GS14-2: Fully Protected, Cost-effective WDM-PON for Next Generation Optical and Wireless Communication System.</li> </ul>
	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.
12:00 - 1:00pm	Lunch (Senate Dining; Main Level)

1:00 - 3:00pm	<p>Project Presentations and LIFE Feedback (Room 106)</p> <ul style="list-style-type: none"> <li>• PS12-1 : Optical Wireless Communication Systems using Light Emitting Diodes in Visible Light Bands as Optical Transmitters.</li> <li>• PS14-1 (Continuation Proposal): Optical Wireless Communication Systems using Light Emitting Diodes in Visible Light Bands as Optical Transmitters.</li> <li>• PS12-2 : Optical Wireless Networked-Systems for Positioning and Navigation with Optimized Transceivers.</li> <li>• PS14-2 (Continuation Proposal): Optical Wireless Networked-Systems for Positioning and Navigation with Optimized Transceivers.</li> <li>• Proposal PS14-3: Passive Optical Network with Spectrally Encoded Visible Light and Plastic (Multimode) Optical Fiber (POF).</li> <li>• PF12-1: Very High Speed Infrared Wireless Links - Update</li> </ul> <p>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.</p>
3:00 - 3:30pm	<p>IAB Member Company Profile Presentations:</p> <ul style="list-style-type: none"> <li>• Presentation by InnoGreen President - Dr. M. Fatemi (15 minutes)</li> <li>• Presentation by Andromeda LED Lighting President - Dr. Tai-Yin Huang (15 minutes)</li> </ul>
3:30 - 3:45pm	Break (Room 106 Lobby)
3:45 - 4:45pm	<p>LIFE FORM Review and Discussion (moderated by Mr. S. McGregor, Center Evaluator)</p> <p>NOTE: Faculty and Students are encouraged to attend this session.</p>
4:45 - 5:45pm	Center Workshop: Discussion of COWA technical and administrative progress and future plans, and IAB roles and responsibilities; members, almost-members, and Directors.
6:00 - 7:00pm	Posters Session (List of Posters) (Executive Room 1&2 Lobby)
7:00 - 9:00pm	Dinner (Executive Room 1&2)

**Friday, May 23**

7:30 - 8:00am	Continental Breakfast and Networking (Room 106 Lobby)
8:00 - 9:00am	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 - 9:45am	Closed IAB Meeting Session - IAB Chair and Industry Members (Room 106)
9:45 - 10:00am	Break (Room 106 Lobby)
10:00 - 10:45am	IAB Report - out to Directors and Center Discussions (Room 106)
10:45 - 11:00am	Summary and Closing Remarks (Site Directors) (Room 106)
11:00am	Boxed Lunch and Meeting Adjourned (Room 106)