



Center on Optical Wireless Applications



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Meeting Agenda

November 19 - 21, 2014 at Georgia Tech in Atlanta

Centergy One Building
75 5th St. NW, Suite 500
Atlanta, GA 30308

Wednesday, November 19

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| 6:30pm - 8:30pm | Dinner Reception/Networking – Renaissance Hotel Atlanta Midtown, Ballroom-C, 866 West Peachtree St NW, Atlanta, GA 30308 |
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Thursday, November 20

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| 7:45 - 8:15am | Registration (Centergy One, Suite 500 Lobby) |
| 7:45 - 8:15am | Breakfast and Networking (Centergy Boardroom, 5126) |
| 8:15 - 8:30am | Opening Remarks <ul style="list-style-type: none"> • Dr. Steve Deewerth, Asso. Dean for Research – College of Engineering, Georgia Tech • Dr. Doug Williams, Senior Asso. Chair – School of Electrical and Computer Engineering, Georgia Tech. |
| 8:30 - 9:00am | Directors' COWA Update Report: Dr. Mohsen Kavehrad, PSU and Dr. GK Chang, GT <ul style="list-style-type: none"> • Center Vision, Status and Research Activities • Membership Status • Financial Statement • Technology and Economic Impact |
| 9:00 - 9:45am | Program Overview by the NSF I/UCRC Program Director. LIFE Evaluation Process by Steve McGregor, Center Evaluator -WiFi set-up and paper copy |
| 9:45 - 10:00am | Coffee Break |
| 10:00 - 11:50am | COWA Project Presentations and LIFE Feedback <ul style="list-style-type: none"> • PS14-1: "Optical Wireless Communication Systems using LEDs in Visible Light Bands as Optical Transmitters,". • GS12-1: "All-band Multi-gigabit Wireless over Optical Transport Network,". • GS12-2: "RoF Cloud for Computing Mobile Backhaul Applications using Converged Optical and Wireless Access Networks,". • GS13-2: "Ultra-High Speed Wireless Access Technologies on 100GHz and Beyond RF," . • GF13-1: "Coordinated Multipoint Operation for Multi-service Radio over Fiber Access Networks,". |

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| | <ul style="list-style-type: none"> GS14-2: "High-Performance, Cost-effective WDM-PON for Next Generation Optical and Wireless Communication System,". |
| | 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. |
| 11:50am - 12:55pm | Lunch at GT Hotel |
| 1:00 - 2:40 pm | Project Reports and New Proposals |
| | <ul style="list-style-type: none"> P-GT-S14-1 COWA Joint Project: "Advanced Digital Signal Processing for Visible Light and RF Photonic Wireless Communication Systems,". PS14-2: "Optical Wireless Networked-Systems for Positioning and Navigation with Optimized Transceivers,". GF14-1: "New Proposal,". PF14-1: "New Proposal,". |
| | 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 - 3:00pm | <ul style="list-style-type: none"> Heterogeneous Wireless Video transmission with LTE-A MIMO Demonstration - Centergy Lab 5114. |
| 3:00 - 3:30 pm | IAB Member Company Profile and University Guest Presentations (15 minutes each) <ul style="list-style-type: none"> "Overview on AOC Technologies," Dr. Charles Su, CTO, AOC Technologies. Updates by Professor Valencia Joyner Koomson on Tufts University |
| 3:30 - 3:40pm | Coffee Break |
| 3:40 - 4:40 pm | LIFE Feedback Review, Steve McGregor, Center Evaluator - Industry members, directors, faculty, and student discussion |
| 4:40 - 5:40pm | Center Workshop - Directors, Members, and NSF <ul style="list-style-type: none"> Discuss ongoing projects and research agenda Discuss proposals and other future work Discuss Center operations, administration, financial report and other business Discuss membership status and ongoing recruitment |
| 5:40 - 6:40pm | Posters Session (View Posters List) - (Centergy One, Library, 5186) |
| 6:40pm | Buffet Dinner (Centergy Boardroom, 5126) |

Friday, November 21

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| 7:30 - 8:00am | Breakfast, Centergy Boardroom, 5126 |
| 8:00 - 9:30am | IAB Closed Meeting - IAB Members and NSF Manager Only <ul style="list-style-type: none"> Research agenda and proposal discussion VOTING ON NEW PROJECTS (including non-attending members' votes) Voting results discussion and conclusion Other Center business and action items |
| 9:30 - 9:45am | Break |
| 9:45 - 10:30am | IAB Report - out to Directors and Center Discussions |
| 10:30 - 10:45am | Summary and Closing Remarks (Site Directors) |
| 10:45am | Boxed Lunch and Meeting Adjourned |

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