

ILRC 27 New York City

The 27th International Laser Radar Conference

New York City, July 5-10 2015

The 27th ILRC will take place in New York City and will be hosted by the National Oceanic and Atmospheric Administration (NOAA) Cooperative Remote Sensing Science and Technology (CREST) Center and the City College of the City University of New York. The conference venue is the historic Great Hall in the Shepard Hall of the City College of New York campus. The City College of New York is located in the northern part of the Manhattan island at 138th Street and Convent Ave, and is easily accessible from midtown and the area airports by various public and private transportation systems.

MEETING WEBSITE: ILRC27.org

ILRC 27 will cover a host of lidar related topics including

- Advances in lidar techniques and new methodologies
- Atmospheric winds and turbulence, and applications in wind energy
- Atmospheric boundary layer dynamics
- Advances in aerosol monitoring and retrievals
- Cloud detection, characterization and classification
- Aerosol direct and indirect effects and radiation budget
- Lidar for atmospheric trace gas monitoring (water vapor, ozone, CO₂, CH₄, and other GHGs)
- Tropospheric and lower stratospheric dynamics and transport
- Middle and upper atmosphere physics and chemistry
- Hazard monitoring (civilian and defense applications)
- Space-based missions and validation
- Coordinated lidar networks and applications
- Combining lidar measurements and analysis with other active and passive techniques
- Assimilation of observations into forecast models
- Lidar application to marine and ecosystem monitoring/classification
- Advances in ranging and applications
- Lidar applications to land surface monitoring (elevations and terrain maps, vegetation canopy, etc.)



Steering Committee

- Fred Moshary -Co-Chair (City College of NY and NOAA CRE Center) moshary@ccny.cuny.edu
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- Ulla Wandinger (Leibniz Institute for Tropospheric Research, Germany)

Industry Liaison

Mark Arend (City College of NY and NOAA CREST Center)
 arend@ccny.cuny.edu
 Ruben Delgado (UMBC and NOAA CREST Center)
 delgado@umbc.edu

Other Contacts

General Inquiries: ilrc27ny@gmail.com
 Shakila Merchant (Administrative Director of NOAA CREST Center)
 smerchant@ccny.cuny.edu

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gross@ccny.cuny.edu
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- Stuart Young (CSIRO Marine and Atmospheric Research, Australia)

--To Propose special sessions and themes, contact Dr. Barry Gross, Chair of the Program Committee

* ICLAS member



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CONFERENCE FORMAT

The conference will include both oral and poster sessions to be held in the Great Hall located in the historic Shepard Hall on the CCNY campus. The conference will follow the ILRC tradition of having single session oral presentations and of limiting the number of oral presentations to one per author. There are also three planned poster sessions on Monday, Tuesday, and Thursday following the oral sessions (6th, 7th, and 9th of July); and the ILRC Summer School on Sunday July 5th.



CONFERENCE REGISTRATION FEES

(All fees are payable in US Dollars)

\$650.00 USD On or before May 10th, 2015
\$750.00 USD On or before June 14th, 2015
\$800.00 USD On or after June 15th, 2015

FULL-TIME STUDENT REGISTRATION

\$350.00 USD On or before May 10th, 2015
\$450.00 USD On or before June 14th, 2015
\$500.00 USD On or after June 15th, 2015

PAPER SUBMISSION

Papers are limited to 2-4 pages (including references) and should be submitted in Microsoft Word (may also be submitted as a PDF document if Word submission is not possible). Formatting details are found on the Conference Website. Papers are limited to 2-4 pages (US letter size 8.5 inch x11 inch) and in Times New Roman font with 1 inch margins and two column justified format. **Papers will be peer reviewed.**

Important Dates: Regular Paper Submission is now closed. Post Deadline papers will be accepted to April 14th. Final acceptance of the papers will be communicated by May 1st. All presenters must register by May 10th (Early Registration Deadline).

LODGING

There is a wide range of lodging options in the New York City area. Hotel options near the City College on the upper west side of Manhattan will range from \$120/night and up, and in the midtown Manhattan from \$160/night and up. Information is available through the conference website.

There is limited dormitory space available at City College at reasonable prices. We also anticipate to have limited travel support available for students through an application process (please keep posted via the conference website).

