



AMERICAN METEOROLOGICAL SOCIETY NEWS RELEASE

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MIT Professor Kerry Emanuel Tapped for Top Prize Among World's Meteorological Scientists

Kerry A. Emanuel, professor of atmospheric sciences at the Massachusetts Institute of Technology, has won the Carl Gustaf Rossby Research Medal from the American Meteorological Society, the nation's leading professional society for those in the atmospheric and related sciences. The medal is the highest honor the Society bestows upon an atmospheric scientist.

Emanuel earned the Rossby Medal for his "fundamental contributions to the science of moist convection that have led to a new and deeper understanding of tropical cyclones, midlatitude weather systems and climate dynamics."

The medal is named in honor of Carl-Gustaf Rossby, widely known in the meteorological community for his contributions to the basic understanding of the dynamics and thermodynamics of the atmosphere.

Emanuel is also being honored with the AMS Louis J. Battan Author's Award "for his book, *Divine Wind: The History and Science of Hurricanes*, an exceptional treatise that provides a balanced view of the scientific, historical, and social aspects of hurricanes." The award is named for Louis J. Battan, who contributed outstanding research efforts in radar meteorology and wrote several books aimed at nonscientists.

Emanuel received both awards during a ceremony at the Society's 87th Annual Meeting in San Antonio, Texas, on January 17th. At the meeting he also presented the Bernard Haurwitz Memorial Lecture entitled "The Hurricane-Climate Connection."

Emanuel is a professor of atmospheric science at the Massachusetts Institute of Technology, where he has been on the faculty since 1981, after spending three years as a faculty member at UCLA. Emanuel's research interests focus on tropical meteorology and climate, with a specialty in hurricane physics. His interests also include cumulus convection, and advanced methods of sampling the atmosphere in aid of numerical weather prediction. He is the author or co-author of over 100 peer-reviewed scientific papers, and two books, including *Divine Wind: The History and Science of Hurricanes*, recently released by Oxford University Press and aimed at a general audience.

Founded in 1919, the AMS has a membership of more than 11,000 professionals, professors, students, and weather enthusiasts. AMS publishes nine atmospheric and related oceanic and hydrologic journals, sponsors multiple conferences annually, and directs numerous education and outreach programs and services. For more information see www.ametsoc.org

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