Science has been instrumental in arranging the astonishing amount of information collected about our environment into a coherent pattern. This endeavor requires interdisciplinary cooperation and relies on sophisticated mathematical models to incorporate the vast streams of data from sensors on satellites, from investigations of the atmosphere and the sea, and from ice-cores and their historical record.

The result is an unusually sharp and unequivocal conclusion: strong action is needed and there is little time.

So far, the world has been slow to recognize the urgency but is now waking to the need to act. Technology is rapidly adding to the means to do so. Dr. Villani will discuss the policies France and Europe are putting in place to address this need.

Welcome & Introductions:
David Eisenbud, Mathematical Sciences Research Institute (MSRI)
Catherine Roberts, American Mathematical Society (AMS)

Remarks:
Senator Sheldon Whitehouse (Invited)
Congressman Jerry McNerney

Please RSVP by November 19th to amsdc@ams.org
Lunch will be served.
Space is limited at this widely attended public event.

The National Science Foundation (NSF) provides the majority of funding in the U.S. for the basic research necessary to unlock the enormous potential applications of the mathematical sciences. AMS and MSRI appreciate the NSF’s far-sighted commitment to this investment.