



ACADÉMIE
DES SCIENCES
INSTITUT DE FRANCE

2025 GRAND AWARD SESSION
MEDAL OF THE ACADEMY OF SCIENCE
TO VEERABHADRAN RAMANATHAN

Great Hall of the Institute of
France - 23, quai de Conti - 75006 Paris

TUESDAY, SEPTEMBER 9, 2025 - 2:30 PM



**AWARD OF THE GRAND MEDAL OF
THE ACADEMY OF SCIENCES**

SUMMARY

The session is open to a general scientific audience.

Veerabhadran Ramanathan, winner of the Grand Medal of the Year 2024, Professor Emeritus at the University of California (San Diego), is one of those visionary scientists who, since the 1970s, has perceived for humanity, the challenges of human action on the Earth's climate. Also, in addition to his remarkable research, he has committed all his forces to making known the risks, as well as the major inequalities generated for the approximately 3 billion humans forming the poorest populations.

The conviction of the need for a commitment from the whole of society, particularly in the education of youth, marked his action. First in California, then in the United States marked today by a political climate skepticism, he tirelessly set researchers and educators in motion, creating the Bending the Curve program.

In India, his home country, to which he has always remained attentive, he has taken action to reduce aerosol pollution caused by domestic combustion.

Finally, a member of the Pontifical Academy of Sciences, since the Paris Agreement (2015), he has continued to mobilize the spiritual forces of humanity, in whose power he believes, both for the mitigation and adaptation to climate change.

Event under embargo.

PROGRAM IN ENGLISH

2:30 p.m. - 2:45 p.m.

Presentation of Veerabhadran RAMANATHAN

Françoise COMBES, President of the Academy of Sciences

2:40 p.m. - 3:20 p.m.

Science of Climate Change: Personal Journey from Human Impacts into Human Resilience

Veerabhadran RAMANATHAN, winner of the grand medal of the year 2024, Distinguished Research Professor, Scripps Institution of Oceanography, University of California at San Diego, California
Adjunct Professor, Cornell University, Ithaca, New York

3:20 p.m. - 3:30 p.m.

Discussion

3:30 p.m. - 3:50 p.m.

On the role of clouds in climate: new research perspectives

Sandrine BONY, member of the Academy of Sciences, CNRS
research director at the Dynamic Meteorology Laboratory (LMD –
CNRS/École Polytechnique/ENS – PSL/Sorbonne University)

3:50 p.m. - 4:00 p.m.

Discussion

4:00 p.m. - 4:20 p.m.

Soot: Air quality and climate

Nicolas BELLOUIN, Professor in the Department of Meteorology at the University of Reading and Chair of Aviation and Climate at the Pierre-Simon Laplace (CEA/CNRS/National School of Bridges and Roads/Polytechnic School/Sorbonne University/IRD/UVSQ)

4:20 p.m. - 4:30 p.m.	Discussion
4:30 p.m. - 4:50 p.m.	<i>Key indicators of the state of the climate system and human influence</i> Valérie MASSON-DELMOTTE, member of the Academy of Sciences, research director at the CEA at the Laboratory of Climate and Environmental Sciences (CEA/CNRS/University of Versailles Saint-Quentin)
4:50 p.m. - 5:00 p.m.	Discussion
5:00 p.m. - 5:10 p.m.	Conclusion by Pierre LÉNA, member of the Academy of Sciences, professor emeritus, Paris Observatory and Paris-Cité University
5:10 p.m. - 5:15 p.m.	Presentation of the Grand Medal to Veerabhadran RAMANATHAN by Françoise COMBES, President of the Academy of Sciences

Scan this QR code to access the page
dedicated on the website of the Academy of Sciences
and registration (mandatory)

