



**SPARC**  
Stratosphere-troposphere  
Processes And their Role in Climate

**We are celebrating our  
30<sup>th</sup> anniversary**

**Prof. Susan Solomon**  
**Evolving Challenges in  
Stratospheric Processes and  
their Role in Climate**

**Thursday 21<sup>st</sup> April 2022 at 13.00 UTC**

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[www.sparc-climate.org](http://www.sparc-climate.org)



**ICSU**  
International Council for Science

# SPARC's anniversary webinar series

# 30 Years



This year marks the **30<sup>th</sup> anniversary** of SPARC, a core project of the World Climate Research Programme. In this time, SPARC has evolved into a major international research coordination hub for atmospheric sciences, with the primary goal to facilitate research that improves our understanding of atmospheric processes and their role in climate. SPARC's initial focus was on stratospheric science linked to ozone depletion, but has expanded to cover the whole atmosphere including the coupled troposphere-stratosphere system and impacts on surface climate.

SPARC is particularly recognised for its lively scientific community. To celebrate SPARC's achievements over the last three decades, we invite you all to celebrate with us and join us for a series of three webinars leading up to the grand SPARC General Assembly in October 2022.

We are delighted to announce we will host the first SPARC 30<sup>th</sup> anniversary webinar on:

**Thursday 21<sup>st</sup> April 2022 at 13.00 UTC.**

**Prof. Susan Solomon** from the Department of Earth, Atmospheric, and Planetary Sciences, Massachusetts Institute of Technology (MIT) will give a presentation on **"Evolving Challenges in Stratospheric Processes and their Role in Climate"**, taking us through some history of how our science has experienced a succession of things that have challenged our understanding and how the science community rose to the challenges. She will also talk about the recent findings related to stratospheric research and that there is still more to discover.



Brief Resume of Prof. Susan Solomon

Susan Solomon is the Martin Professor of Environmental Studies at the Massachusetts Institute of Technology. She is well known for pioneering research on the Antarctic ozone hole and on the irreversibility of climate change. She received the 1999 US National Medal of Science (highest scientific award in the US), the Grande Medaille of the French Academy of Sciences, the Crafoord Prize of the Swedish Academy of Sciences, the Blue Planet Prize, and the Volvo prize. She is a member of the National Academy of Sciences, the French Academy of Sciences, the Pontifical Academy of Sciences, and the Royal Society in the UK. Time magazine named Solomon as one of the 100 most influential people in the world in 2008.

To register please click the link below. We look forward seeing you.

**Thursday 21<sup>st</sup> April 2022 at 13.00 UTC**

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