

Dear All:

This is the third announcement and call for abstracts for the 2022 SPARC Gravity Wave Symposium, scheduled to be in the week of **March 28th – April 1st 2022** starting on the morning of March 28th and departing after lunch Friday April 1st. The conference site (<https://www.evangelische-akademie.de/tagungshaus/>) is located in the medieval center of the vibrant city of Frankfurt: <https://frankfurt.de/english/about-frankfurt>

While we are aiming for an in-person meeting, we will continue monitoring the development of the COVID-19 pandemic and decide in due time whether we go to an online format (rather unlikely from the present perspective) or whether we will go for a hybrid solution, offering all those participants online participation who do not want or are not able to do the trip (decision dates see below).

This SPARC symposium is a continuation of a series of successful similar GW meetings lead-organized by Kevin Hamilton, Joan Alexander, Kaoru Sato, Fuqing Zhang and others over the past couple of decades. The tentative title of the next year's symposium will be "*Atmospheric gravity waves: towards a next-generation representation in weather and climate models*". Research on all aspects of atmospheric gravity waves, including newly emerging topics, will be welcomed but some particular emphases will be given to measurements, simulations, and numerical and theoretical developments, especially those confronting, challenging, and advancing the present-day treatment of gravity waves in atmospheric models.

Invited speakers will be (in alphabetic order) M. Bramberger (CoRA, USA), S. Gisinger (DLR, Germany), N. Hindley (Univ Bath, UK), H. Kafiabad (Univ. Edinburgh, UK), M.-J. Kang (Yonsei Univ., Korea), Y.-H. Kim (Goethe Univ. Germany), M. Kohma (Univ. Tokyo, Japan), I. Krisch (DLR, Germany), C. Kruse (CoRA, USA), I. Polichtchouk (ECMWF, UK), C. Rodda (Univ. Grenoble, France), P. Sacha (Univ. Prague, Czech. Republic), A. Sheshadri (Stanford, USA), C. Stephan (MPI Meteorology, Germany), B. Thuraiajah (Virginia Tech, USA), S. Vadas (CoRA, USA), and S. Watanabe (JAMSTEC, Japan).

The web site of the meeting (with information on travel and lodging to be placed there in due time) is

<https://www.sparc-gw-symposium-2021.iau.uni-frankfurt.de/>

Limited travel-support funds for early-career scientists are available. Those concerned are asked to submit an informal application together with an abstract of the work they want to present by October 31st. The scientific organizing committee (members listed below) will try their best to allot the available funds in a fair manner.

The time line of key dates is as follows:

- October 31st 2021: Support application deadline
- November 15th 2021: Abstract submission deadline
- December 13th 2021:
 - Finalization of the program.
 - Decision on early career travel support applications.
 - Decision whether the meeting will be fully online, without on-site component. This will only be the case if the pandemic makes travelling impossible even within Europe.

Co-conveners: Ulrich Achatz, Joan Alexander, Kaoru Sato, Laura Holt, and Riwal Plougonven
Meeting secretary: Aurelia Müller <Aurelia.Mueller@iau.uni-frankfurt.de>

We look forward to your participation.

Best Regards,

Ulrich, Joan, Kaoru, Laura, and Riwal