

## Today's Agenda

Time	Topic
10:00 AM	Welcome Jesse Woodroffe, NASA Heliophysics, SWC DFO
10:05 AM	Adoption of the Minutes
10:10 AM	Comments from the Heliophysics Advisory Committee Michael Liemohn, HPAC Chair
Topic 1: Space Weather Gap Analyses	
10:30 AM	The JHU Space Weather Science Observation Gap Analysis Angelos Vourlidas, JHU APL
11:00 AM	NAS Workshop on Future SWx Research & Operations Infrastructure Dan Baker, LASP/Univ. of Colorado, Boulder
11:30 PM	Topic 1 Discussion
12:00 PM	Lunch Break

Time	Topic
Topic 2: The Role of the SWC Relative to Other Advisory Bodies	
1:30 PM	Review of National Space Weather Advisory Bodies
1:40 PM	Review and Discussion of the SWC Charter
2:00 PM	The Space Weather Advisory Group (SWAG) Tamara Dickinson and Jennifer Meehan
2:20 PM	The Space Weather Roundtable (SWRT) Sarah Gibson and Geoff Cowley
2:40 AM	Topic 2 Discussion
3:10 PM	Break
Discussion and Comment Period	
3:30 PM	Go-Backs from Topics 1 and 2
3:50 PM	Public Comment Period
4:00 PM	SWC Membership Open Discussion
4:45 PM	Review of Actions and Planning for Next Meeting Jesse Woodroffe, NASA Heliophysics, SWC DFO
4:55 PM	Closing Remarks

## Inaugural Space Weather Council Members



Ms Patricia Doherty Boston College



Dr Daniel Baker CU/LASP



Dr Michele Cash NOAA/SWPC



Dr Angelos Vourlidas JHU/APL



Dr Janet Green Space Hazards Inc



Dr Valeriy Tenishev University of Michigan



Dr Alexa Halford NASA/GSFC



Dr Piyush Mehta West Virginia University



Dr Ronald Turner ANSER



Ms Sage Andorka USSF



Dr Joachim Raeder *UNH* 



Dr Paul O'Brien *Aerospace Corp.* 





#### Comments from HPAC

Dr. Michael Liemohn University of Michigan Heliophysics Advisory Committee Chair



## Topic 1 Space Weather Gap Analyses

Dr. Angelos Vourlidos, JHU/APL

Dr. Daniel Baker, CU/LASP



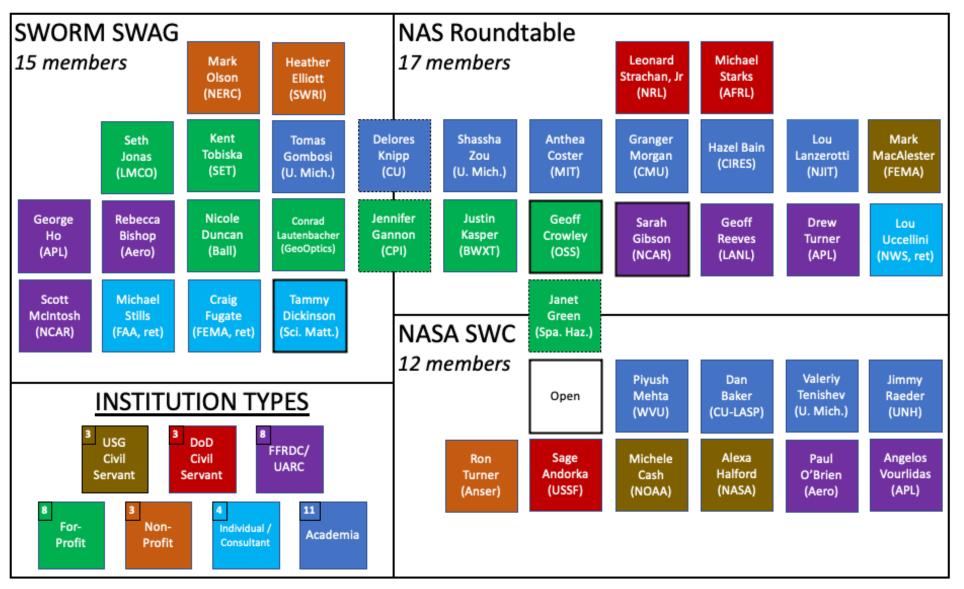
# Topic 2 The Role of the SWC Relative to Other Advisory Bodies

Dr. James Spann, NASA Headquarters

Dr. Tamara Dickinson, Science Matters Consulting

Dr. Sarah Gibson, National Center for Atmospheric Research

Dr. Geoff Crowley, Orion Space Solutions



A dashed outline indicates membership in multiple groups

A thick solid outline indicates chair or co-chair of a particular group

### The Space Weather Council Charter

The Space Weather Council (SWC) is established as a means to secure the counsel of community experts across diverse areas, on matters relevant to space weather in support of the NASA Heliophysics Division (HPD). The SWC serves as a community-based, interdisciplinary forum for soliciting and coordinating community analysis and input and providing advice. It provides advice to the Heliophysics Advisory Committee (HPAC).

The NASA HPD space weather strategic mission is to establish a preeminent space weather capability that supports human and robotic space exploration and meets national, international, and societal needs. This is done by advancing measurement and analysis techniques and expanding knowledge and understanding that improves space weather forecasts and nowcasts. Ultimately, the HPD enables the space weather forecasting capability that the Agency and Nation require, in partnership with NASA's Artemis Program and other Federal agencies, and international partners. This includes the development and launch of missions/instruments that advance our knowledge of space weather and improve its prediction, and the transitioning of technology, tools, models, data, and knowledge from research to operational environments.

The SWC shall be a standing subcommittee of the HPAC. As such, the SWC shall report to and be responsive to actions levied by the HPAC. As appropriate, the SWC may seek scientific and programmatic input from the heliophysics and space weather communities at large on matters relevant to their actions.

Examples of the broad range of activities relevant to space weather that the SWC may be called on to address include the following:

- Articulate key scientific drivers for space weather research including focused research-to-operations-to-research topics, strategic observations, and others;
- Evaluate expected capabilities and rideshare opportunities for achieving HPD goals;
- Evaluate HPD space weather goals and objectives;
- Provide input and advice on relevant HPD space weather activities such as actions drawn from the National Space Weather Strategic and Action Plan, collaboration with other national and international agencies, ground-based observations, and its role in the Artemis and human exploration endeavor.