

Guide to the APS March Meeting
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This huge meeting! It is the largest physics meeting in the world with about 11,000 participants and many thousand talks! It is overwhelming to everyone - especially first time participants! Do not try to do too much. Choose only a few most relevant talks and/or sessions to attend.

Invited talks are best to learn about an area of research and recent work. (Talks by 28 USAfrl people are listed on a separate page. This includes 7 invited talks.)

The program is online at: <http://meetings.aps.org/Meeting/MAR21/Content/3990>

Only registered people can attend talks. But anyone can see the titles, authors and abstracts at the website above. You can search for authors, key words, etc. You can find sessions with talks on topics like DFT (many sessions), electronic structure methods, and many, many applications! You can get the entire list of sessions at the link for session index.

The sessions are recorded. You can see talks even if you are in a very different time zones by watching the recordings. Recordings will be available for three months **ONLY** to people who registered for the meeting.

The sessions are generally: 8-11AM, 11AM-2 PM, and 2-5PM (Times are CDT = GMT - 5)

Types of talks

Listed in order from least special to most special

Regular talks - 12 minutes - good to see what someone is doing, but very hard to understand much in such short talks unless you already know the area - Usually best to attend an entire session of short talks

Focus sessions - The session has talks following a theme, usually with one invited talk

Invited Talks - 36 minutes - These are the ones to go to if you want to learn about something new in your area or in a new field you want to learn about.

Invited sessions with 4 invited talks - this is where you can really learn about basic concepts and recent work for a topic

Sessions called "Undergrad friendly" are the meant to be understandable to a wide audience

Sessions denoted "Prize sessions" often have very good invited talks related to the talk by a person who received a prize

There are a few very special talks and sessions. The most special in the **Kavli symposium**

Session D Monday 6PM - 9PM <https://meetings.aps.org/Meeting/MAR21/Session/D01>

D01. Invited Special Event Live Undergrad Friendly Kavli Foundation Special Symposium--Frontiers of Computation: Machine Learning and Quantum Computing

Sponsoring units for sessions are listed by abbreviation, such as :

DCOMP Division of Computational Physics

DCMP Division of Condensed Matter Physics

DCMP Division of Materials Physics

One overview is the session index. You can see the topics and which ones are invited sessions at <https://meetings.aps.org/Meeting/MAR21/SessionIndex2>

Often there are several sessions on a topic, which are organized with the same number. For example, many talks on Density functional theory, electronic structure, phonons, excitations, etc. are in sessions A19,A20; B19, B20; C19, C20; E19, E20; F19, F20; J19, J20;

The USAfrl workshop is the day before the main meeting on Sunday March 14 at 8AM to noon. See the program at <http://usafricainitiative.org/APS2021/>. Talks by USAfrl people in the main meeting (Monday-Friday) are listed in a separate page.