

## IPS 2021 summary and recordings

Dear IPS 2021 conference participants,

I would like to thank you for participating in the IPS 2021 conference, on behalf of the organizing committee and the IPS.

It was your attendance that helped us keep this tradition even in these difficult times and to make this conference a great success. We had over 600 participants and over 300 abstract submissions, many interesting sessions and an interesting poster session.

This was also the first activity of the new IPS topical divisions, and I would like to thank their executive committees for taking care of the topical sessions. The IPS is looking forward to new activities from these newly-formed bodies.

The advantage of having a virtual conference is that some of the talks can still be viewed.

You are more than welcome to enter the conference site where you can view the conference's review and plenary talks.

Recordings are available on the in the "Agenda" and also here: .

The poster session is also still available on the meeting website. You can login either with the username and password you used at the conference or with the following – User: Password: ips2021.

Our congratulations to the newly elected IPS fellows, and the IPS prize winners.

We would like to take this opportunity to congratulate the poster winners again

1. Additional Physical disciplines:

### **Microdosimetry aspects of diffusing alpha-emitters**

Y. Korotinsky.

2. Soft-matter Nonlinear Biological and Statistical physics:

### **Chromatin Viscoelasticity Measured by Local Dynamic Analysis**

Anat Vivante

3. DAPSS:

### **Modeling the multi-wavelength linear polarization in GRB afterglows:**

Gal Birenbaum

4. CM:

**Anomalous Floquet Thouless pumping**

Yiming Pan and Alex Dikopoltsev

5. AMO:

**Echoes in single quantum systems**

Ilia Tutunnikov

As well as the two runner ups

DAPSS: **GALI: Gamma-Ray Burst Localizing Instrument:** Roi Rahin

CM: **Extracting the scaling dimension of quantum Hall,** Noam Schiller

Last but not least we would like to thank all the Universities as well as NRCN for their financial support, as well as the following sponsors:

KLA

Classiq

Applied Materials

Quantum Machines

NOVA

ROSH

Quantum design

Keysight Technologies

IBM.

The kind support we received made the conference possible.

Thank you all and we hope to see you next year in IPS 2022 conference,

Ehoud Pazy,

IPS 2021 chair

**Newsletter Items:**