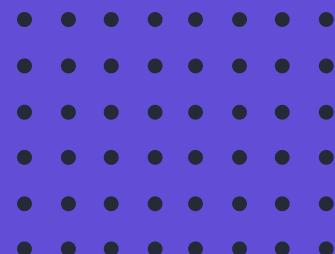
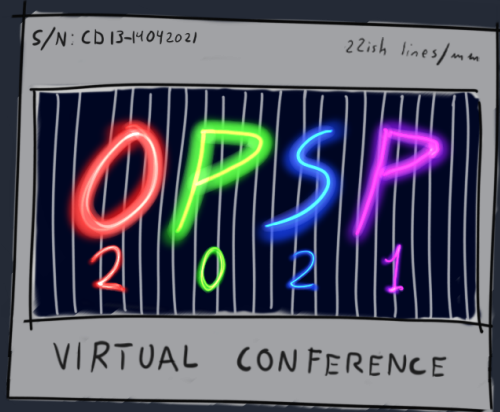


ORGANISING A
STUDENT-LED CONFERENCE

WHY? HOW? WOW!





OPSP 2021

A FULFILLING EXPERIENCE

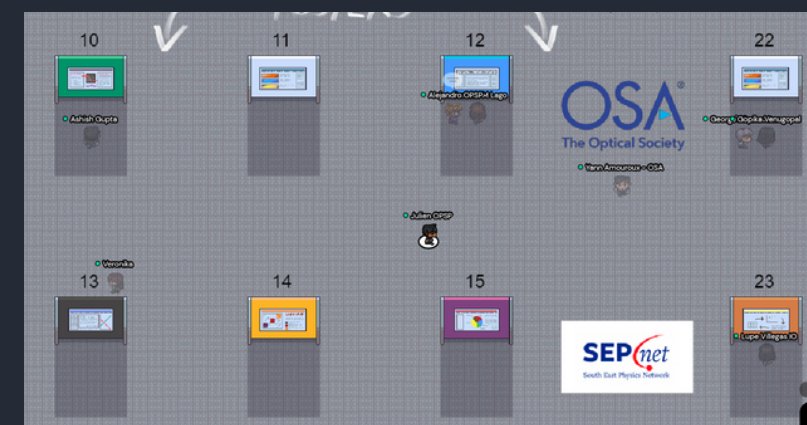


- 13-14th April 2021
- Hosted on Zoom and gather.town
- 100 participants
- 30 presenting PhD students
- 10 invited speakers
- International audience

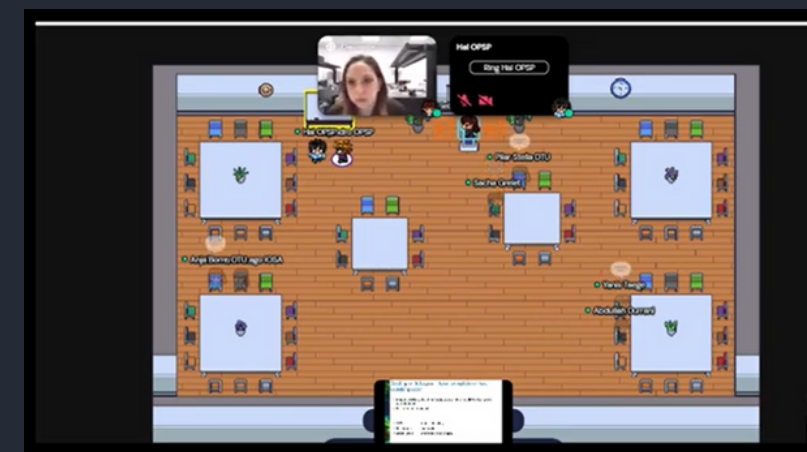
TALKS



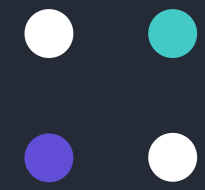
POSTER SESSION



WORKSHOPS



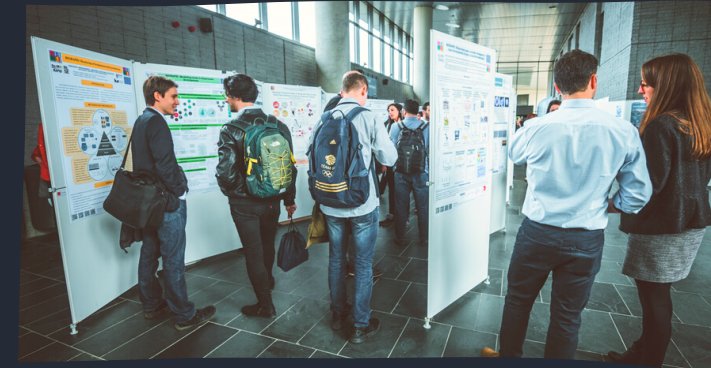
WHY?



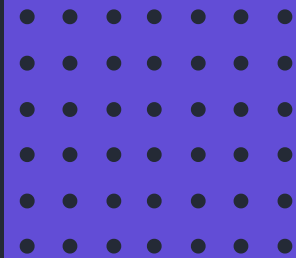
COMMUNITY

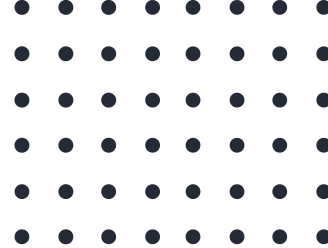


NETWORK



EXPERIENCE





- WHAT LIES AHEAD -



BEFORE

- Contact speakers
- Find venue
- Schedule
- Call for abstracts
- Communication

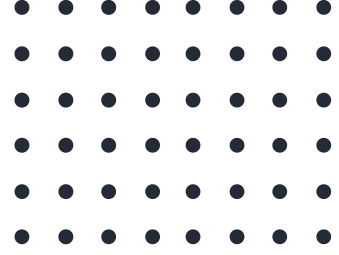
DURING

- Organisation
- Cooperation
- Communication

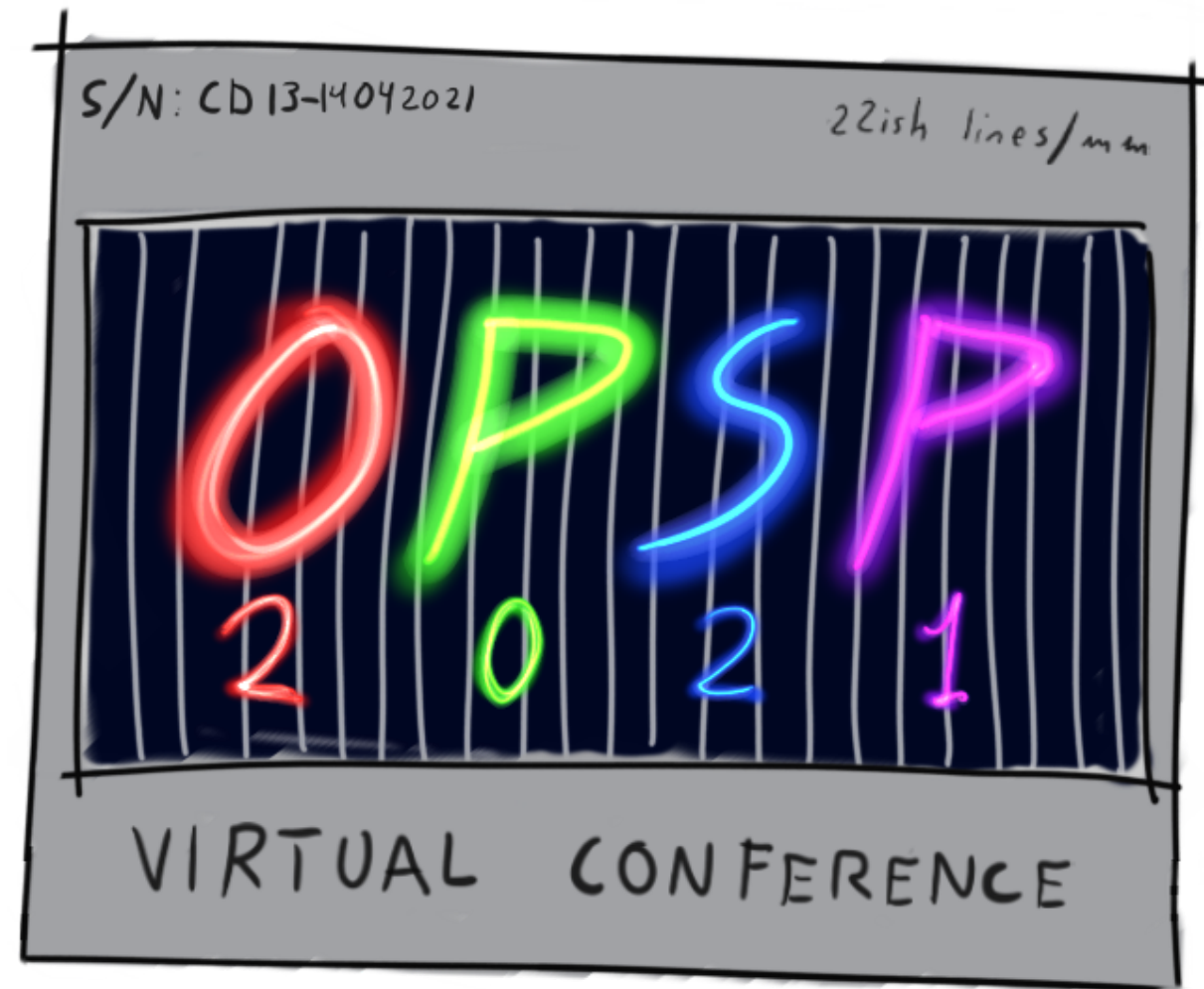
AFTER

- Feedback
- Recordings
- Communication





- PLAN -

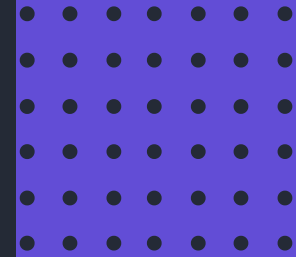


BEFORE



- Contact speakers
- Find venue
- Schedule
- Call for abstracts
- Communication





BUILD YOUR TEAM

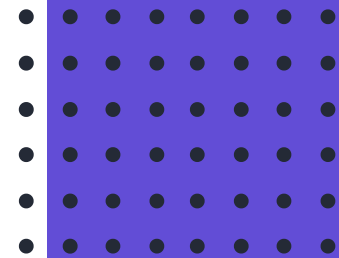
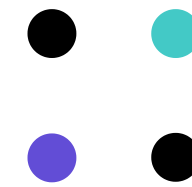


THE MORE THE MERRIER

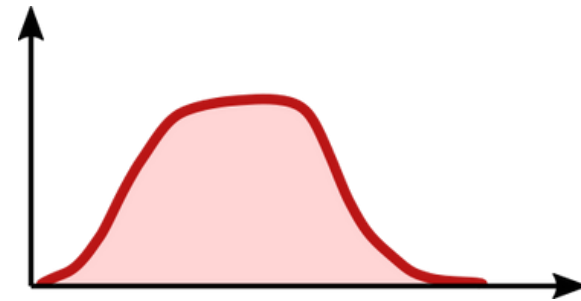




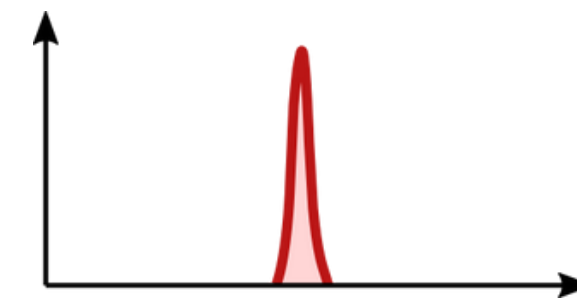
DEFINE YOUR SCOPE



BROAD



TARGETED

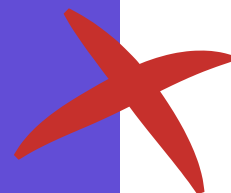


Optics and Photonics

Mode locking techniques

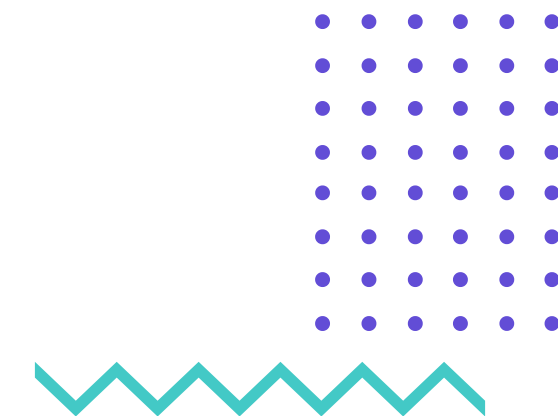


- Higher reach
- Snapshot of advances in field
- Cross-disciplinary work



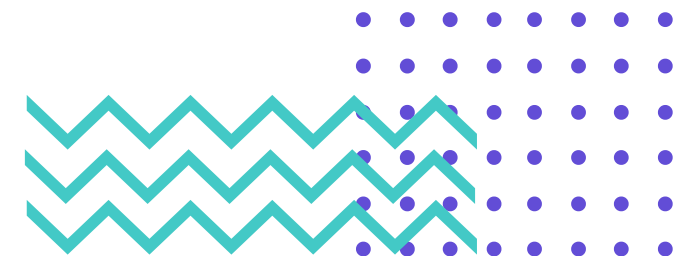
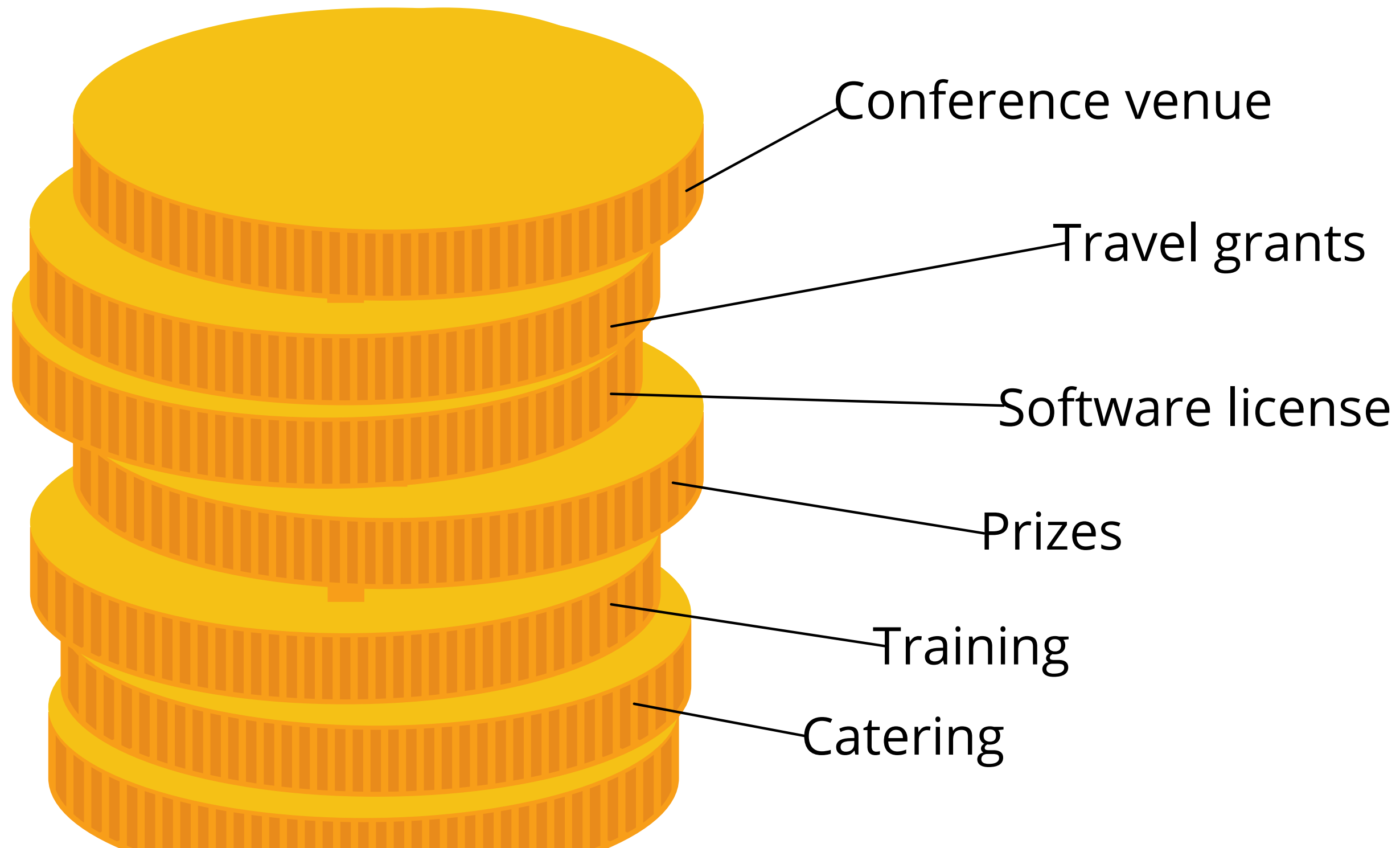
- Less engagement/questions
- Accessibility

- In-depth discussion
- More community impact

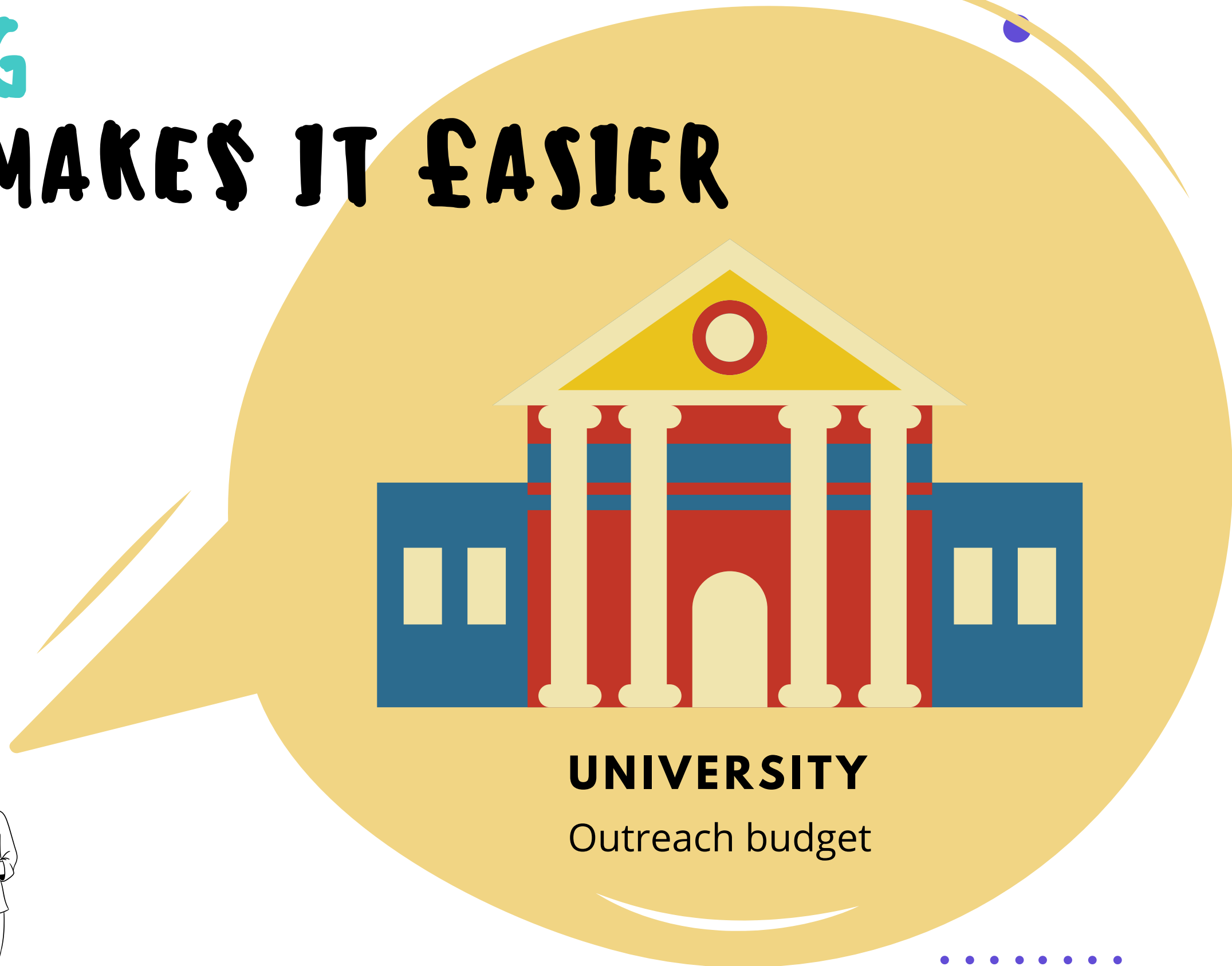




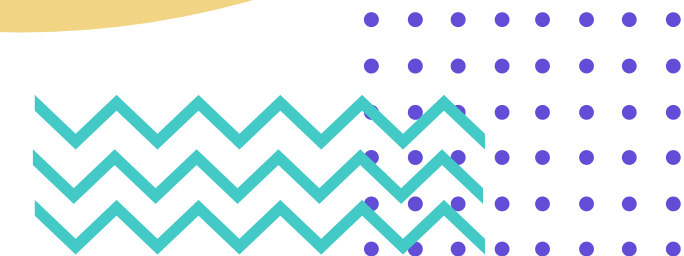
FUNDING WHAT FOR?



FUNDING MONEY MAKES IT EASIER



UNIVERSITY
Outreach budget



FUNDING

MONEY MAKES IT EASIER

SPIE.

Outreach Grants Program

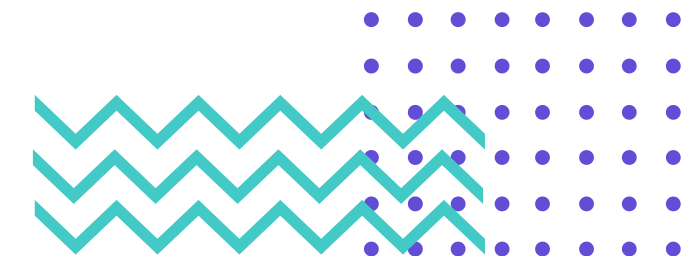
OPTICA | Formerly
OSA

Global Meeting Grants
Special program grant

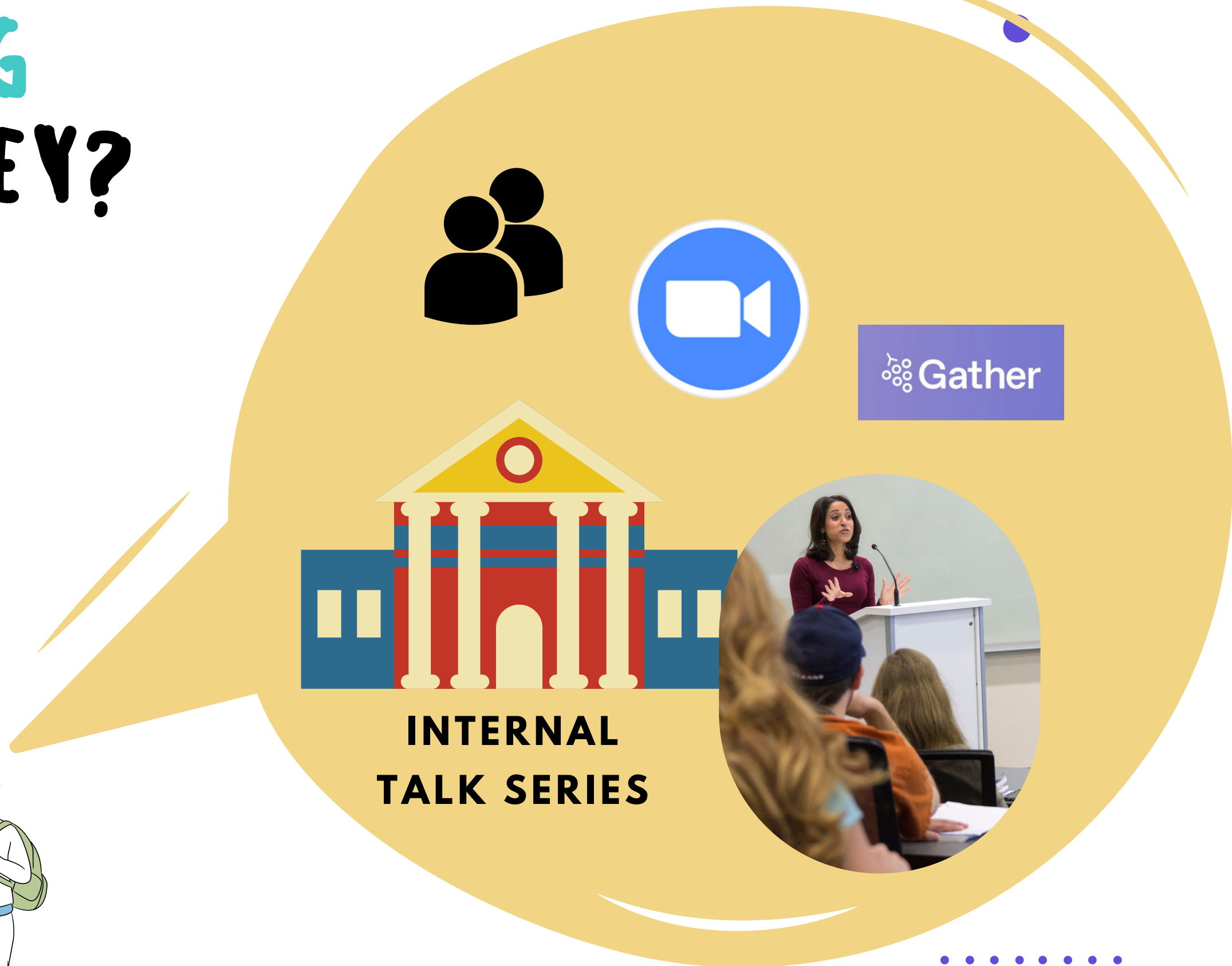




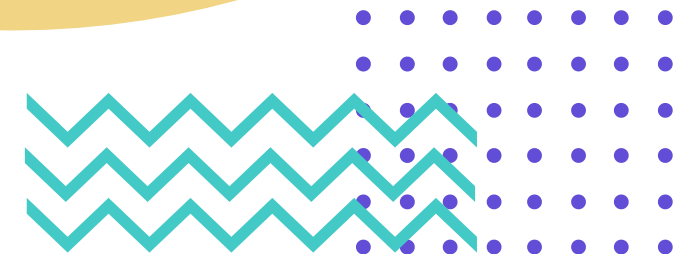
FUNDING MONEY MAKES IT EASIER

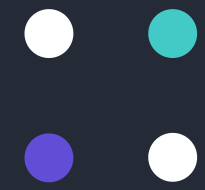
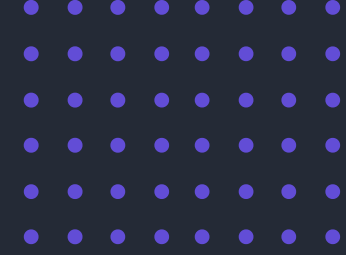


FUNDING NO MONEY?



**INTERNAL
TALK SERIES**





HOW TO SCHEDULE STUFF?

Keynote talks

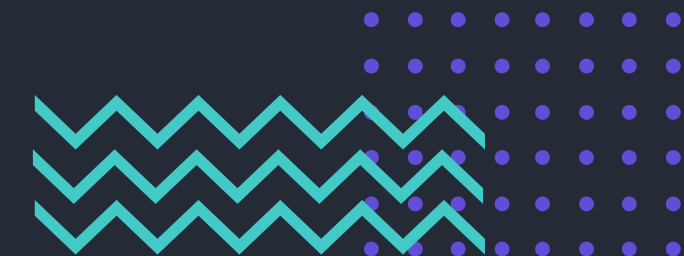
Student talk

Poster session

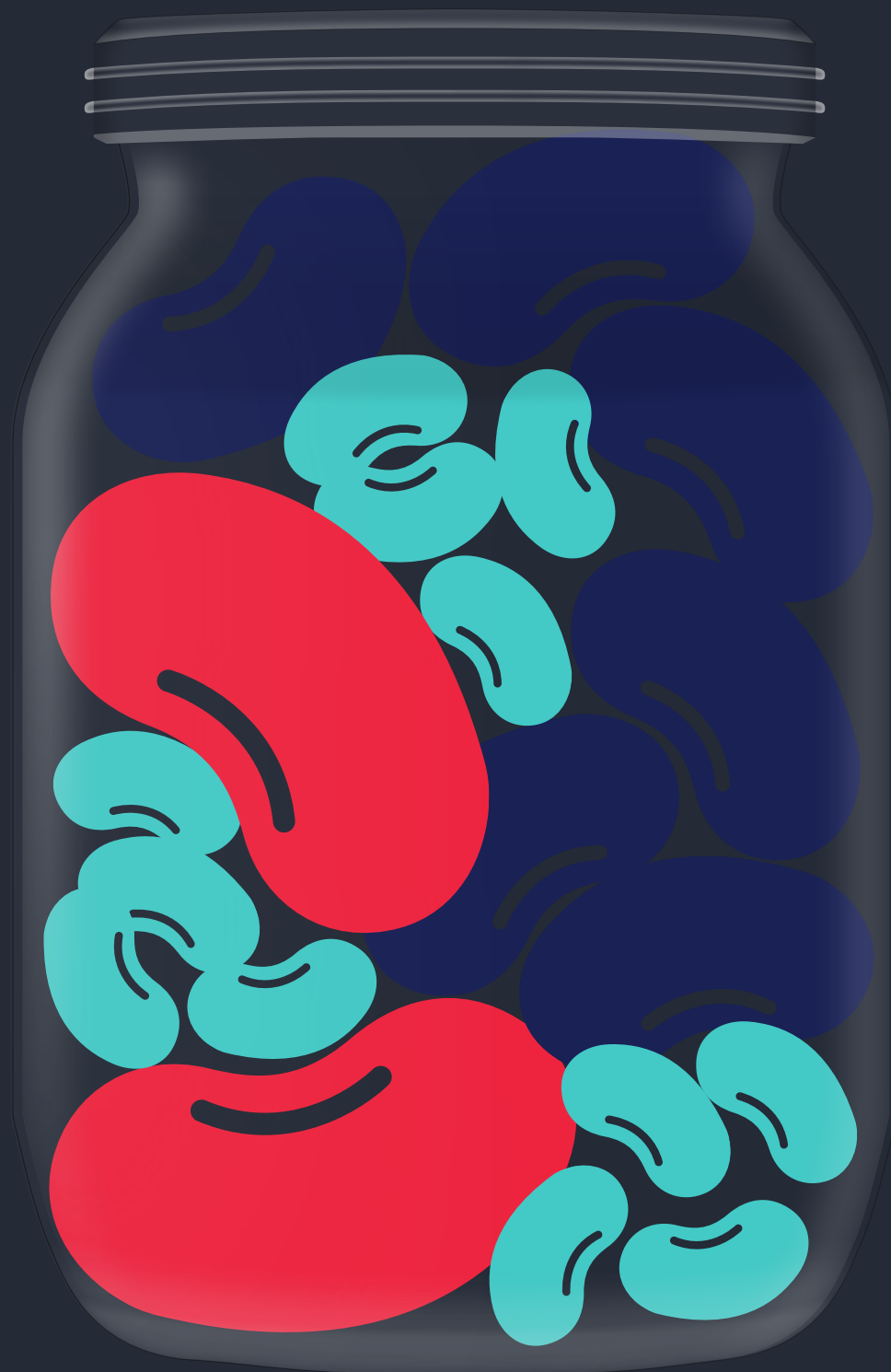


Workshops

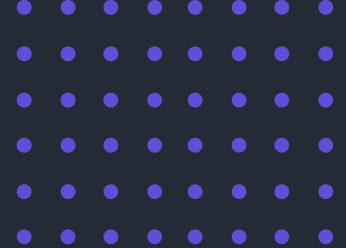
Industry fair



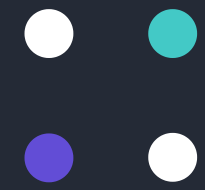
HOW TO SCHEDULE STUFF?



The classic



HOW TO SCHEDULE STUFF?



The industry focused



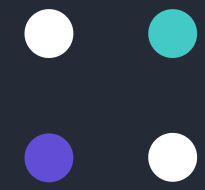
HOW TO SCHEDULE STUFF?



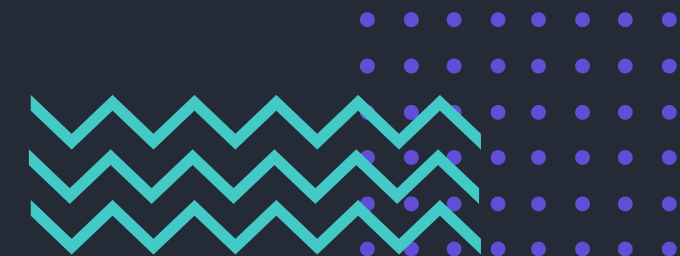
The skills oriented



HOW TO SCHEDULE STUFF?



The bad idea





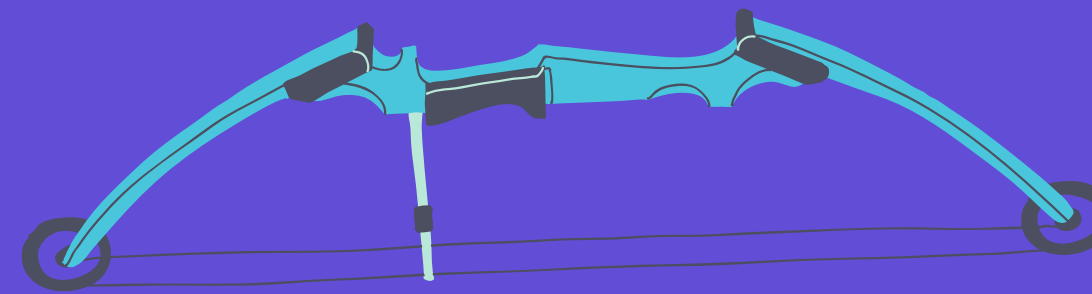
**PHD
STUDENTS**
Academic writing

UNDERGRADUATES
Learn skills early

POSTGRADUATES
Job hunting

TARGETS





**STUDENT
SOCIETIES**



**NEWSLETTERS
SOCIAL MEDIA**

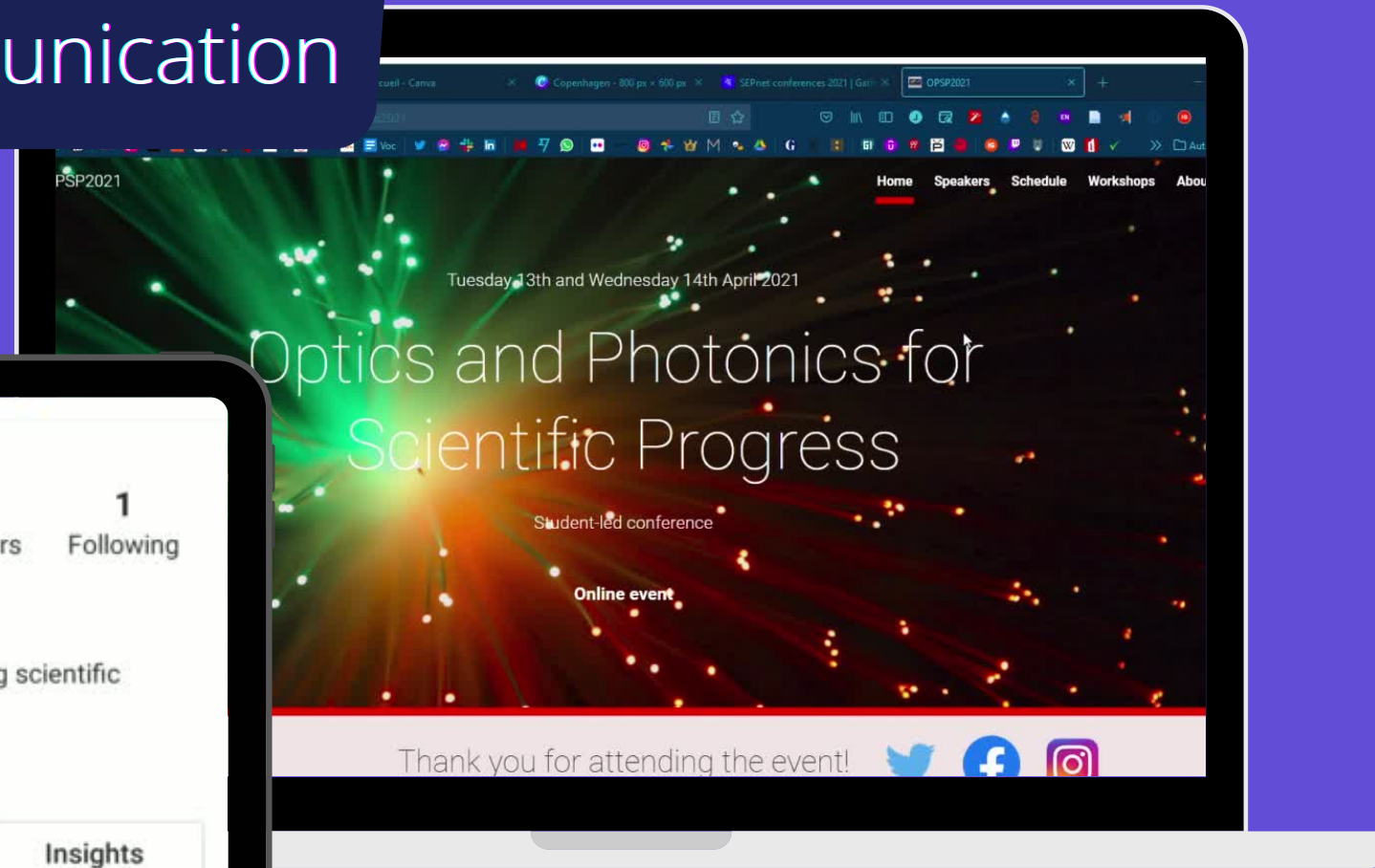
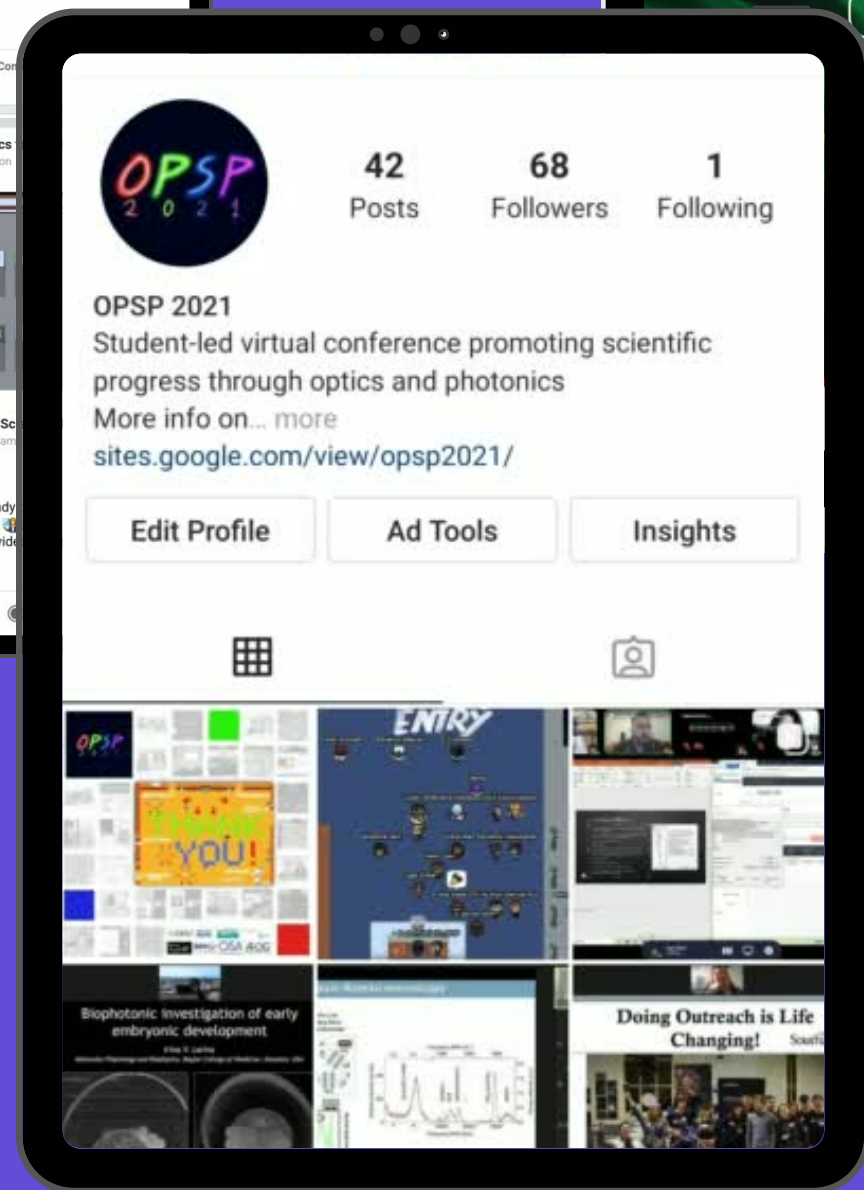
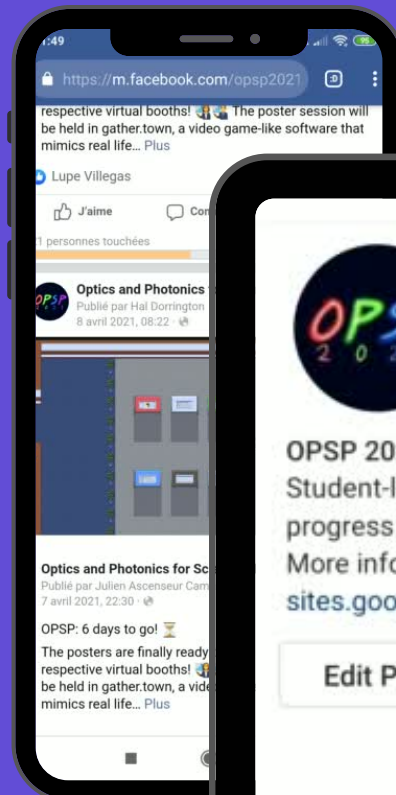


**INFORMATION
BOARDS/SCREENS**

STUDENTS



Online communication



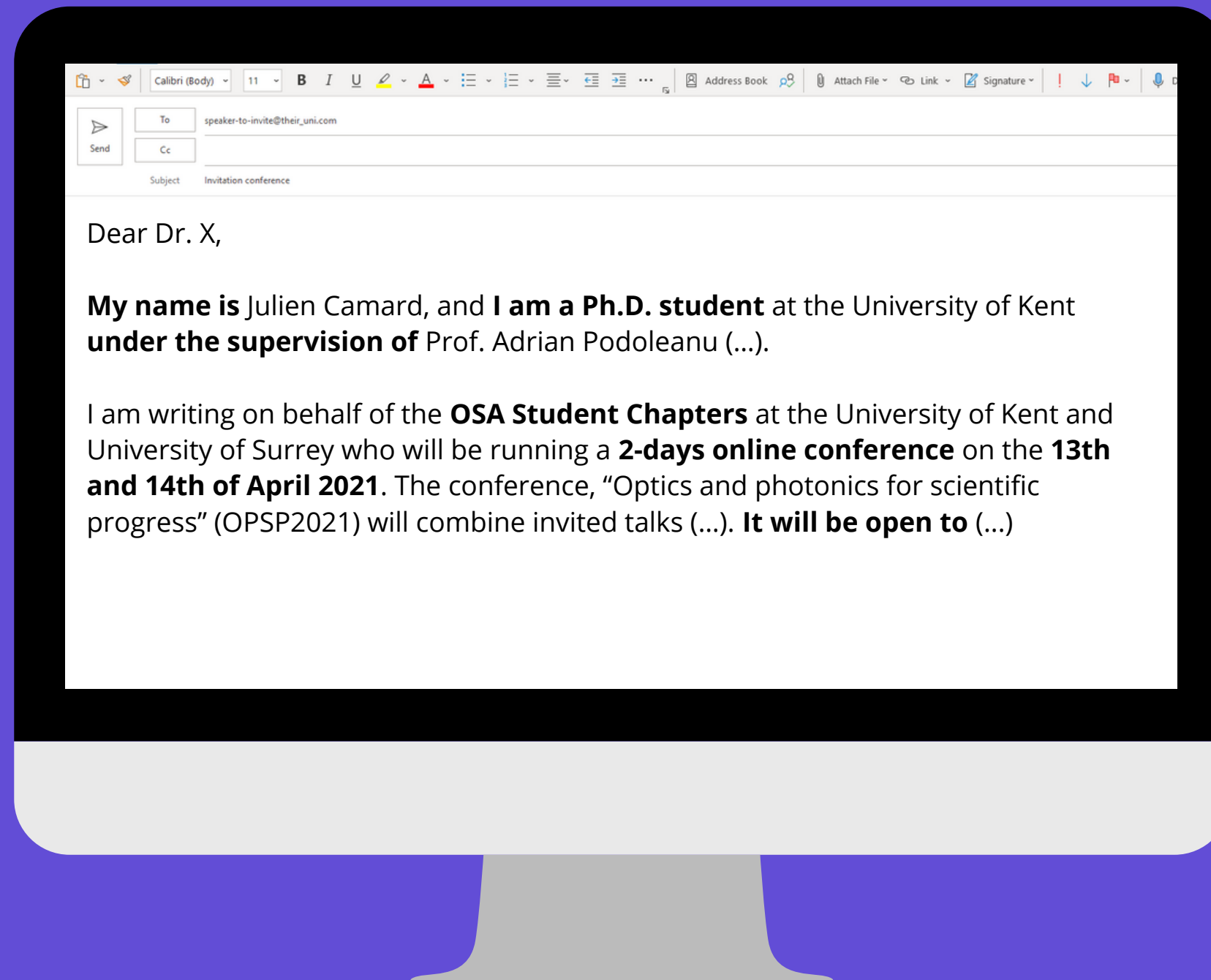
University networks



SPEAKERS



SPEAKERS



INTRODUCE

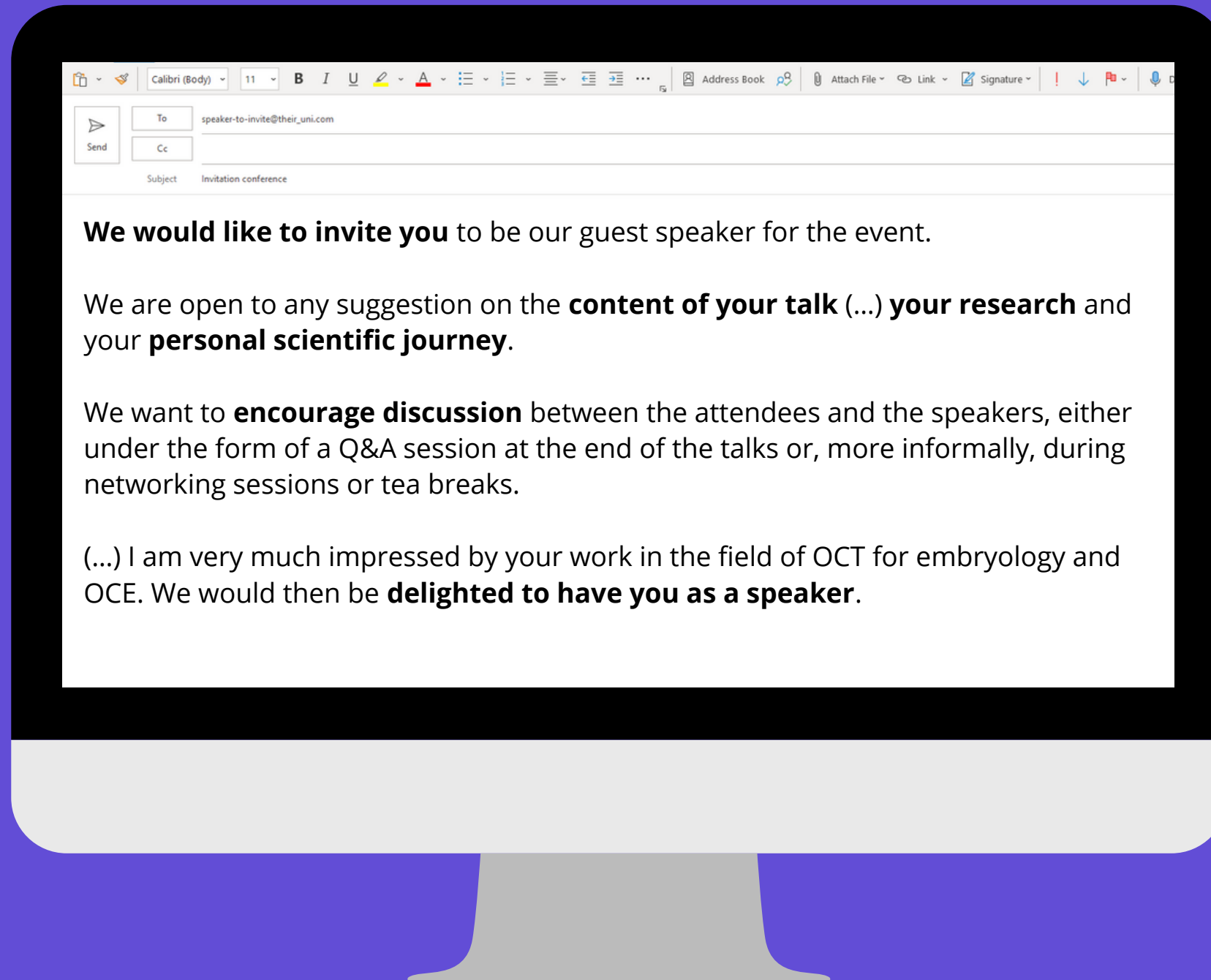
YOURSELF

YOUR TEAM

YOUR EVENT

WHEN? WHERE? WHO?

SPEAKERS



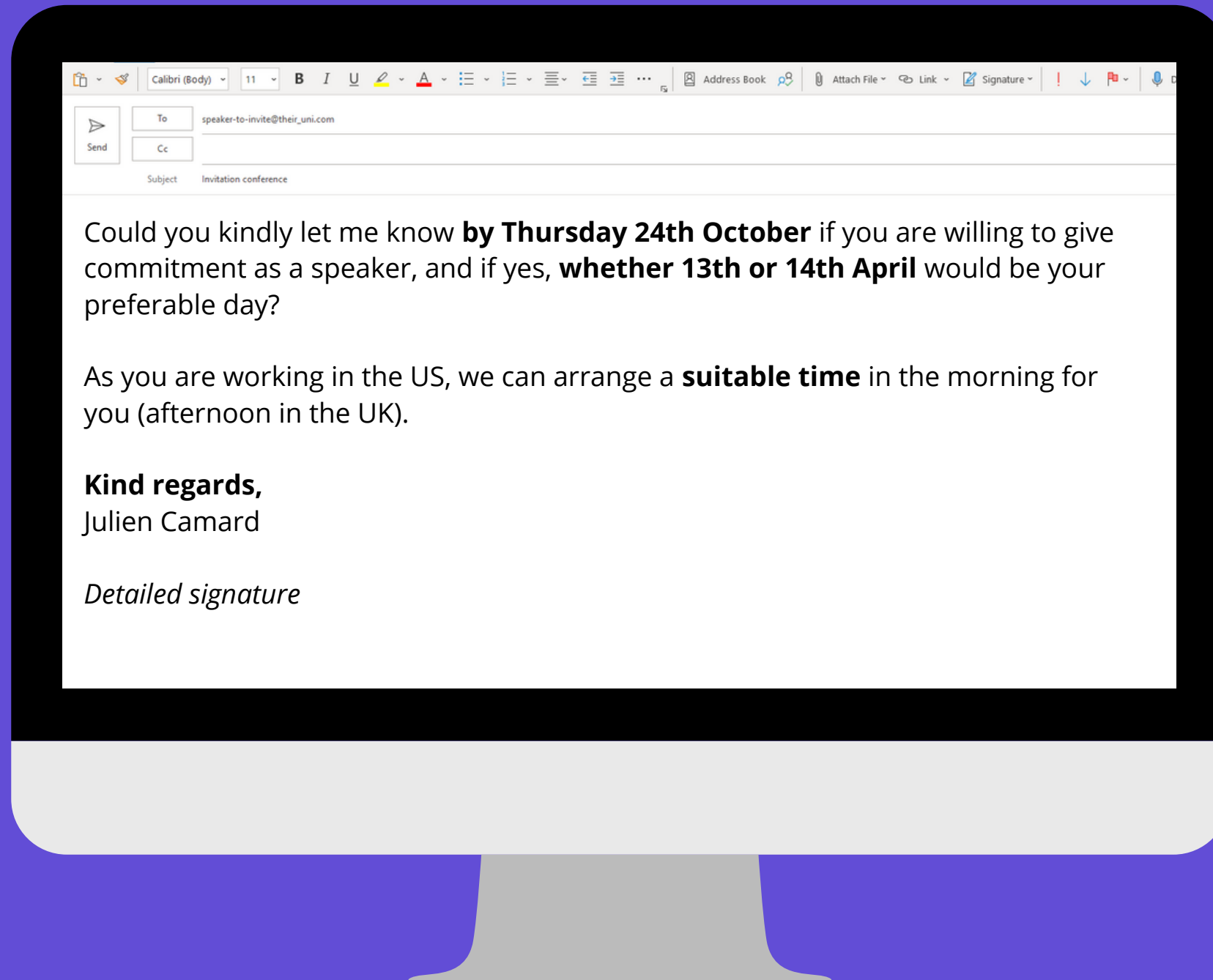
INVITE THEM

CONTENT

YOUR VISION

MAKE IT PERSONAL

SPEAKERS

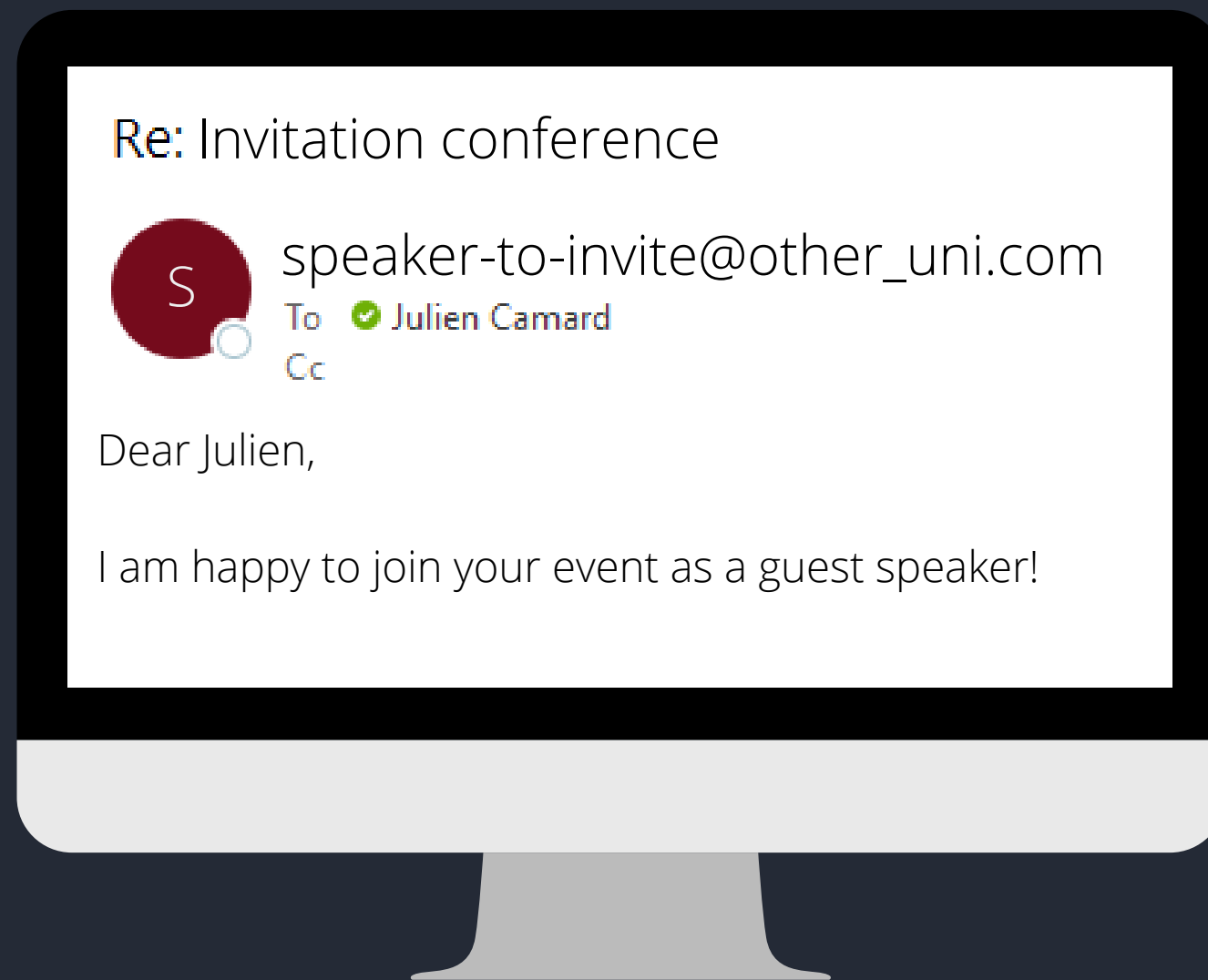


DEADLINE

GIVE CHOICE

MIND TIME ZONES

GREETINGS

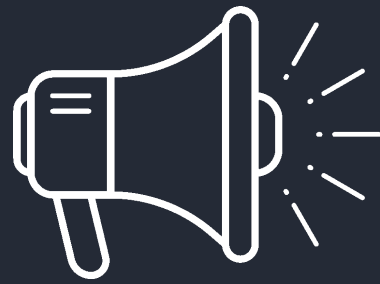


2 WEEKS



2 WEEKS





GET PEOPLE TO JOIN

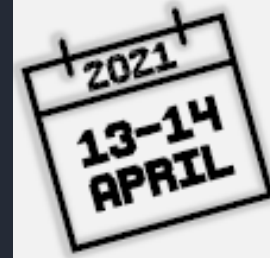
STUDENTS

Call for abstracts

Topics?

Prize?

OPTICS AND PHOTONICS



For scientific progress

2 days of talks, workshops, posters, networking...

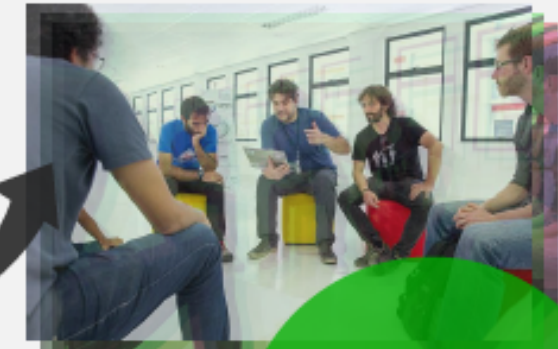
By students, for students!

ONLINE CONFERENCE



Are you a PhD or Master student doing research in **OPTICS** or **PHOTONICS**?

Submit an abstract today to present a **POSTER** (check below)!



Your poster
You



A POSTER SESSION to share and get feedback on your research and communication skills

INSPIRING TALKS by academics and industrials

A series of **WORKSHOPS** to choose from with a focus on skills and employability

HOW TO Submit a poster abstract?

1 GO TO [SITES.GOOGLE.COM/VIEW/OPSP2021](https://sites.google.com/view/opsp2021) AND CLICK REGISTRATION

2 DOWNLOAD THE ABSTRACT TEMPLATE

3 FILL IN THE FORM AND RELAX

You have **SKILLS TO SHARE?**

Send us your workshop idea by email and get a chance to **LEAD YOUR OWN WORKSHOP** at the conference! More info on our website!

Any questions?

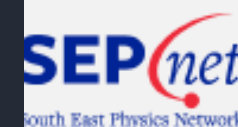
Visit sites.google.com/view/opsp2021 or contact opsp2021@gmail.com for more information. Looking forward seeing you at the conference!

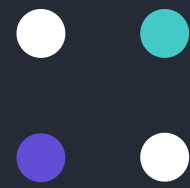
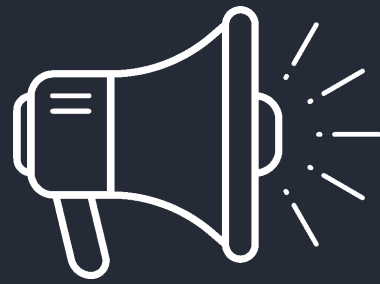
@opsp2021

@opsp2021

@opsp2021

Us





GET PEOPLE TO JOIN

STUDENTS

Call for abstracts

Clear instructions

Audience

Template

Word limit

Deadline



Title of your Abstract for OPSP 2021

A. Author-surname^{1,*}, B. Author-surname^{1,2}

1. Affiliation Number 1, Somewhere, Country

2. Affiliation Number 2, Somewhere (else), (Another) Country

* E-mail@abc.com

Abstract: Please limit your abstract to 100 words. Please submit your abstract by sending a PDF following this template to opsp2021@gmail.com by January 15th, 2020.

When submitting your contribution to opsp2021@gmail.com, make sure that the .pdf you submit has the following file name structure: 'surname_firstname.pdf'. Thank you for following these guidelines. If you are a member of an institution belonging to the SEPnet network, please contact us at opsp2021@gmail.com. Confirmation of acceptance of papers will be communicated to the contact author on each paper.

The conference will be held in the University of Southampton between the 12th and 14th of April. The programme features inspiring talks by academics and industry representatives, a poster session to share and discuss your research and communication skills, a series of workshops to choose from with a focus on skills for the future.

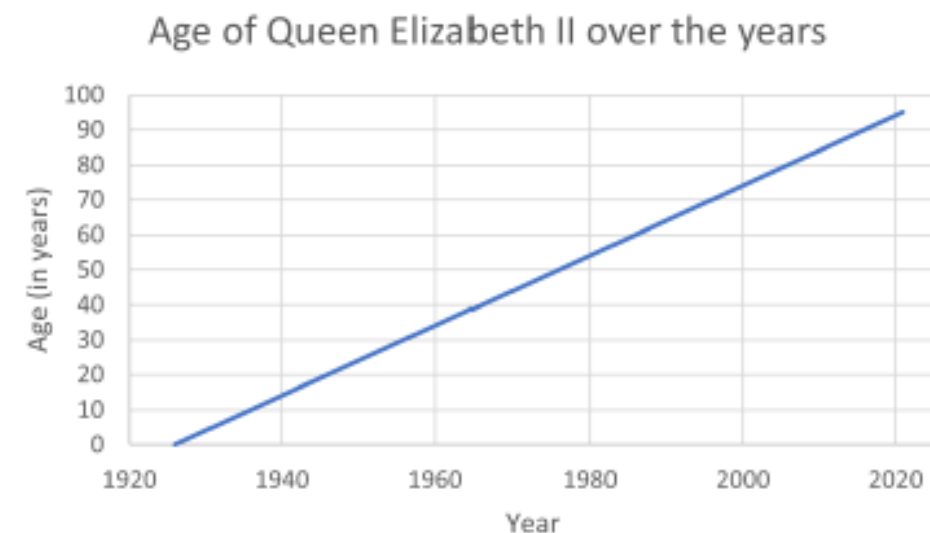
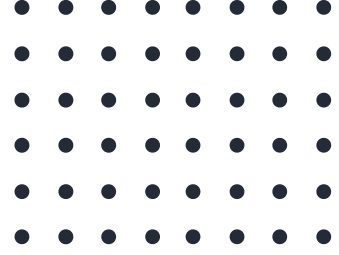


Figure 1: (a) This is an example caption. (b) This is an example caption.

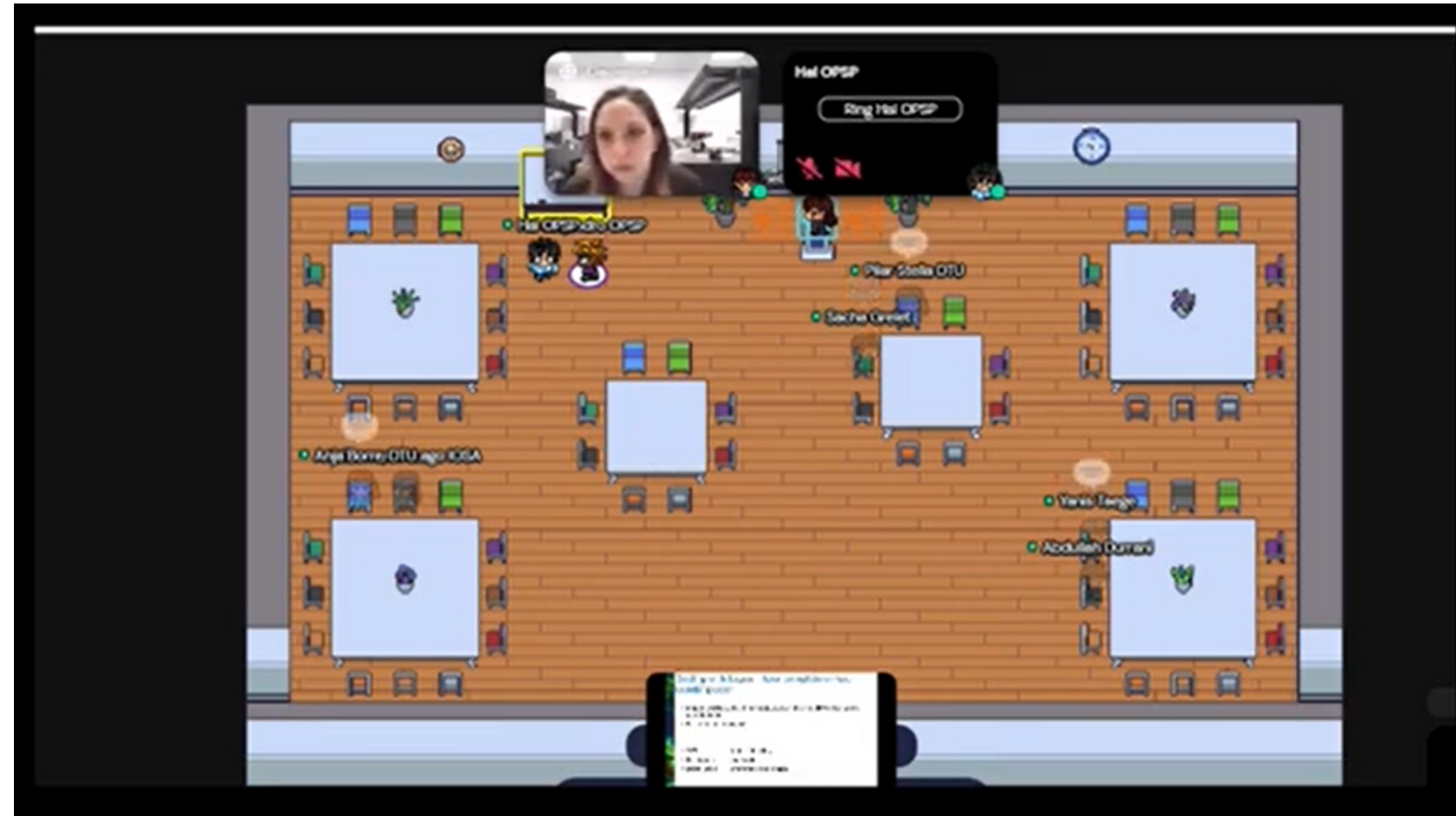
Please do not exceed 1 page. We are looking forward to meeting you in Southampton in April. All abstracts will be evaluated by the program committee and notifications will be sent to the contact authors.

References

- [1] J. Smith, J. Doe and A.N. Other, "Really excellent semiconductor laser research," *Laser Type Journal*, vol. 1, no. 1, pp. 1-11 (2019).
- [2] A.N. Other, et. al, "Paper with more than 3 authors," *Excellent Journal*, vol. 1, no. 1, pp. 1-11 (2019).



- PLAN -

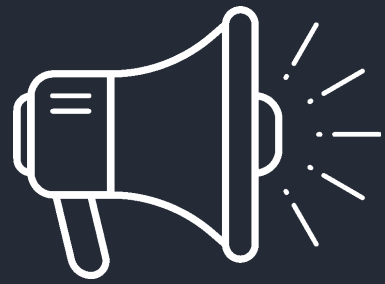


DURING



Organisation
Cooperation
Communication





GET PEOPLE TO JOIN

STUDENTS

Selection strategy
Feedback?
Poster instructions



Investigation on lateral heterogeneity in rabbit model using OCT

A. Vignoli¹, G. Scuderi¹, A. Rossi¹, A. Fava¹, A. Caselli¹, A. Marini¹

¹ Institute of Ophthalmology, University of Turin, Italy

Summary: Rabbit is widely used for an extensive investigation of the ocular globe which has been changed in the developmental progress of the ocular globe. The changes could help to identify some signs for a potential treatment for myopia control. The investigation was carried out using OCT and OCT-A. The aim of the study was to evaluate the lateral heterogeneity in the rabbit model using OCT and OCT-A. The lateral heterogeneity was investigated using OCT and OCT-A. The lateral heterogeneity was investigated using OCT and OCT-A. The lateral heterogeneity was investigated using OCT and OCT-A.



Fluorescence imaging through a multimode fiber

M. V. Perini¹, A. Scuderi¹, A. Rossi¹, A. Fava¹, A. Caselli¹, A. Marini¹

¹ Institute of Ophthalmology, University of Turin, Italy

Summary: Fluorescence imaging through a multimode fiber is a challenging task due to the high loss of light and the multimodal nature of the fiber. In this work, we present a novel approach to improve the fluorescence imaging through a multimode fiber. The proposed approach consists in the use of a multimode fiber with a special core profile. The proposed approach consists in the use of a multimode fiber with a special core profile. The proposed approach consists in the use of a multimode fiber with a special core profile.

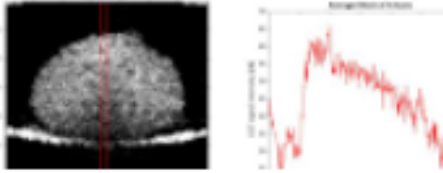


Extraction of Attenuation Coefficient from non-layered cancer tissue samples

M. J. Kelly¹, S. M. Kelly¹, J. L. Kelly¹

¹ Department of Physics, University of Exeter, Exeter, UK

Summary: Microfluidic Flow Cytometry (MFC) could easily monitor variations of cancer cells in different states, reported in a 2D histogram. The 2D histogram shows the optical attenuation coefficient and the cell count. The 2D histogram shows the optical attenuation coefficient and the cell count. The 2D histogram shows the optical attenuation coefficient and the cell count.



Directional Dark-Field X-Ray Imaging using Reference Pattern Analysis

M. V. Perini¹, A. Scuderi¹, A. Rossi¹, A. Fava¹, A. Caselli¹, A. Marini¹

¹ Institute of Ophthalmology, University of Turin, Italy

Abstract: Directional Dark-Field X-Ray Imaging using Reference Pattern Analysis (DRPA) is a novel technique for X-ray imaging. DRPA is a novel technique for X-ray imaging. DRPA is a novel technique for X-ray imaging.

DRPA is a novel technique for X-ray imaging. DRPA is a novel technique for X-ray imaging. DRPA is a novel technique for X-ray imaging. DRPA is a novel technique for X-ray imaging.

DRPA is a novel technique for X-ray imaging. DRPA is a novel technique for X-ray imaging. DRPA is a novel technique for X-ray imaging. DRPA is a novel technique for X-ray imaging.



New combination of Push-Pull Method and Vernier Effect for Coloured Strain Sensitivity

V. Scuderi¹, A. Rossi¹

¹ Institute of Ophthalmology, University of Turin, Italy

Summary: In this work, a new combination of the push-pull method with the Vernier effect is presented. The proposed method allows a higher strain sensitivity. The proposed method allows a higher strain sensitivity. The proposed method allows a higher strain sensitivity.



Surface-enhanced Raman spectroscopy (SERS) substrate for bacterial detection

M. V. Perini¹, A. Scuderi¹, A. Rossi¹, A. Fava¹, A. Caselli¹, A. Marini¹

¹ Institute of Ophthalmology, University of Turin, Italy

There has been growing interest in surface-enhanced Raman spectroscopy (SERS) as a highly sensitive and non-destructive tool for bacterial identification and infection diagnosis. There has been growing interest in surface-enhanced Raman spectroscopy (SERS) as a highly sensitive and non-destructive tool for bacterial identification and infection diagnosis.

SERS is a highly sensitive and non-destructive tool for bacterial identification and infection diagnosis. SERS is a highly sensitive and non-destructive tool for bacterial identification and infection diagnosis.

SERS is a highly sensitive and non-destructive tool for bacterial identification and infection diagnosis. SERS is a highly sensitive and non-destructive tool for bacterial identification and infection diagnosis.

SERS is a highly sensitive and non-destructive tool for bacterial identification and infection diagnosis. SERS is a highly sensitive and non-destructive tool for bacterial identification and infection diagnosis.



From real lens design to simulation in SimVis Geeko

M. V. Perini¹, A. Scuderi¹, A. Rossi¹, A. Fava¹, A. Caselli¹, A. Marini¹

¹ Institute of Ophthalmology, University of Turin, Italy

Summary: The development of a virtual reality (VR) simulation for the design of optical systems is a challenging task. The development of a virtual reality (VR) simulation for the design of optical systems is a challenging task.

Surface-enhanced Raman spectroscopy (SERS) substrate for bacterial detection

M. V. Perini¹, A. Scuderi¹, A. Rossi¹, A. Fava¹, A. Caselli¹, A. Marini¹

¹ Institute of Ophthalmology, University of Turin, Italy

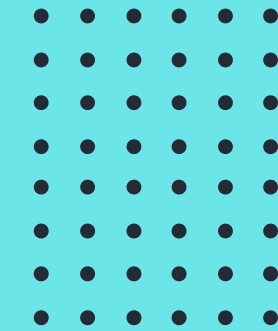
Summary: The development of a virtual reality (VR) simulation for the design of optical systems is a challenging task. The development of a virtual reality (VR) simulation for the design of optical systems is a challenging task.

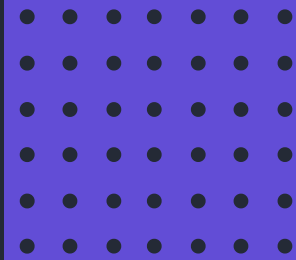


PRE- CONFERENCE CHECKLIST

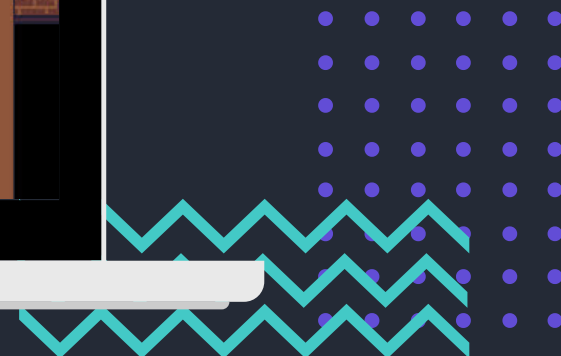
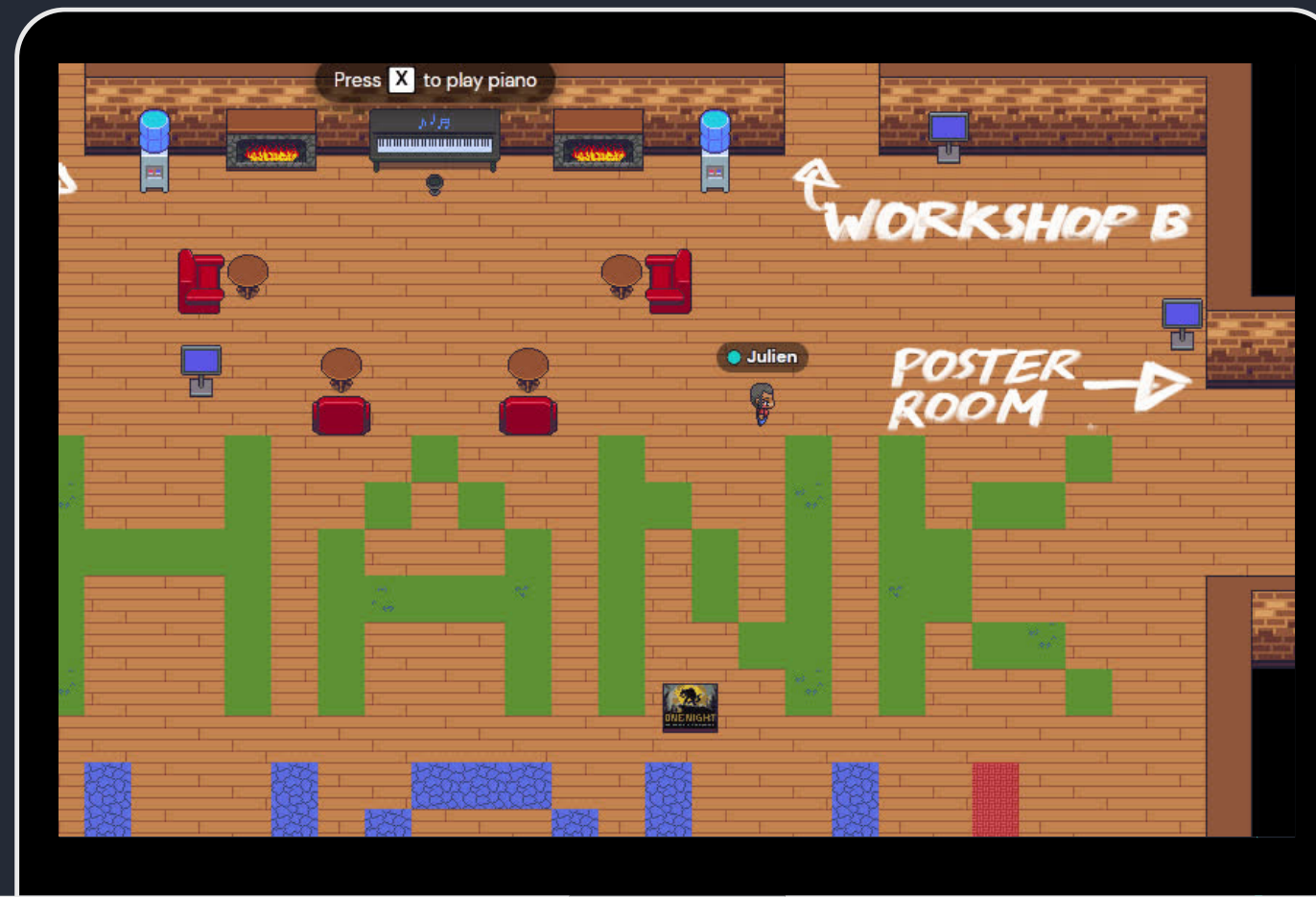
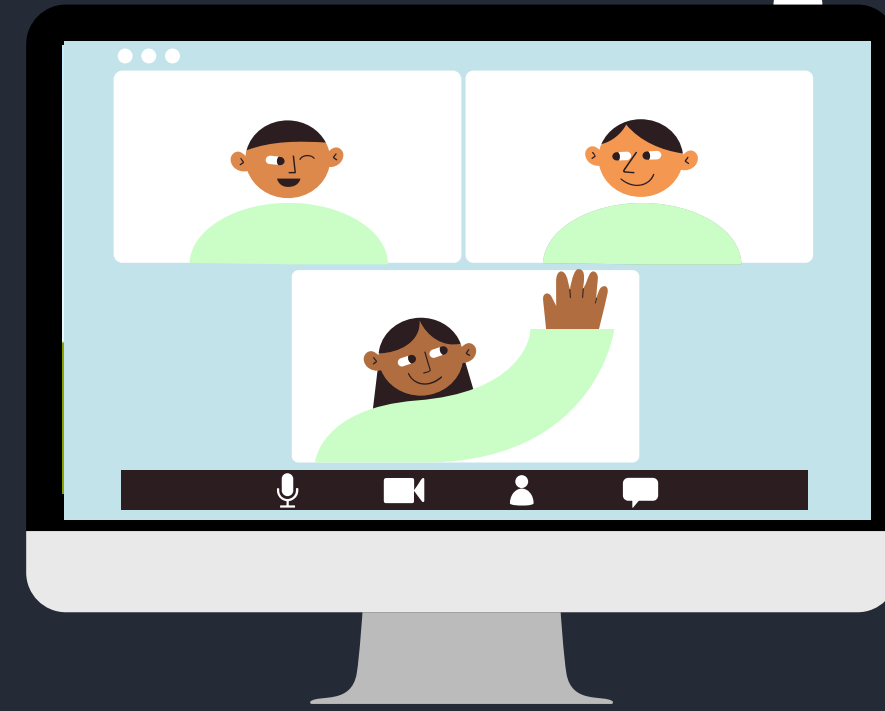


Accommodation	Green
Dinner menu	Red
Laser pointers	Green
Poster boards	Red
Printed Program	Green
Accommodation	Green
Wifi	Green





ONLINE?
HAVE A GO!



CONFERENCE OPENING: PLAY IT SMART



Program presentation
Warm welcome
Honorary speaker

SPEAKER INTRODUCTION



University
Area of expertise
Background
Publications
Distinctions
etc.

Laurent Vivien - Which perspectives for

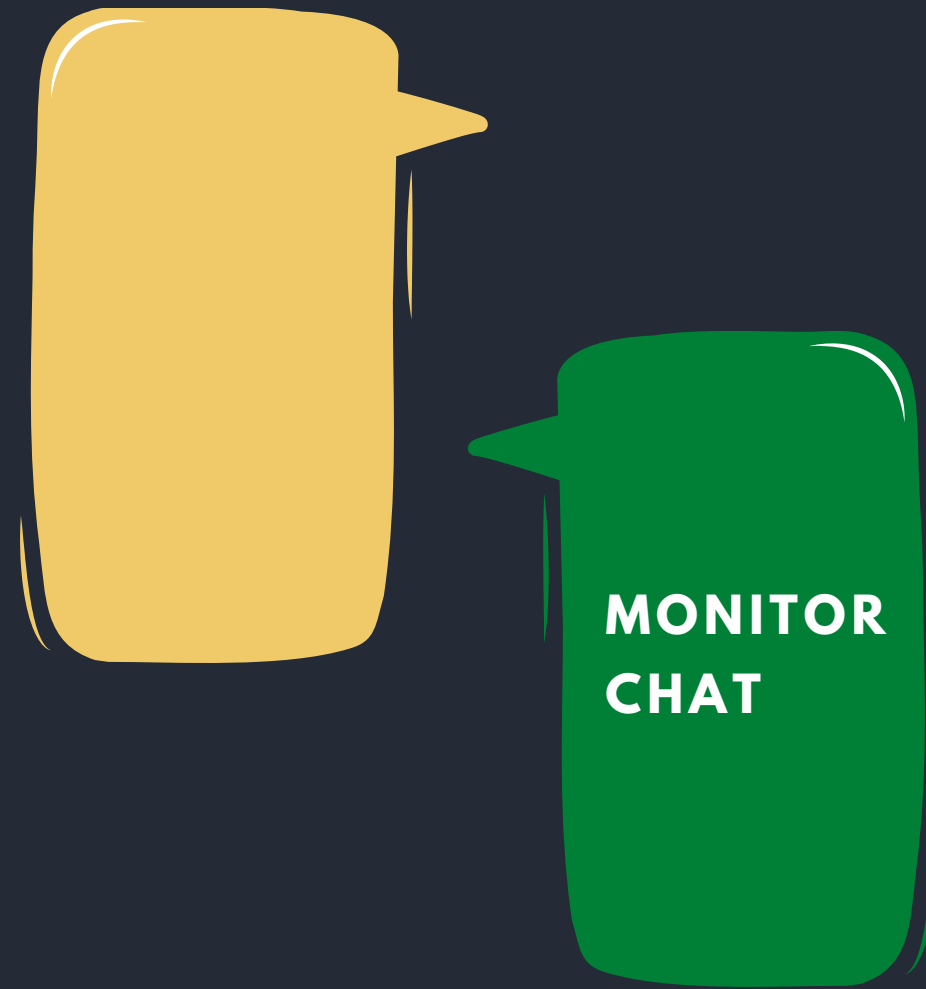


Laurent Vivien
*Centre for Nanoscience and Nanotechnology
(C2N, Palaiseau, France)*

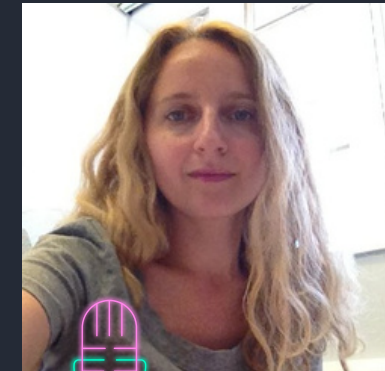
Which perspectives for
in photonics

13th

The slide features a dark blue background. In the center, the letters 'O', 'P', 'S', and 'P' are displayed in a glowing, neon-like font. Below each letter is a small number: '2' under 'O', '0' under 'P', '2' under 'S', and '1' under 'P'. The numbers are also in a glowing font matching their respective letters.




Q&A



OPSP
2021


Panel discussion



14th April 2021, afternoon session
Francesca Palombo, Irina Larina

OPSP
2021

Panel discussion



14th April 2021, afternoon session
Francesca Palombo, Irina Larina

PANEL DISCUSSION

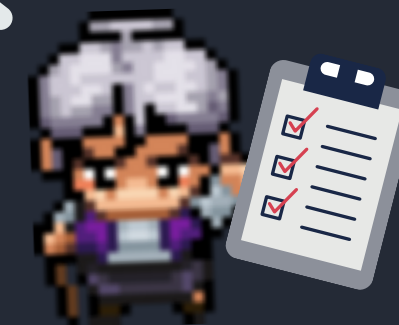
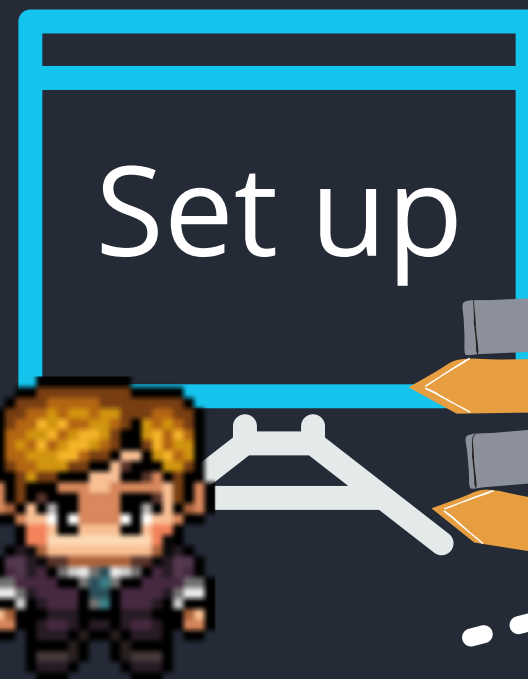
1 QUESTION READY

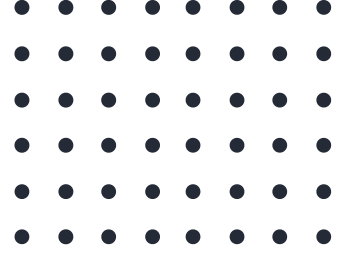
WORKSHOP TIPS

Environment-dependent

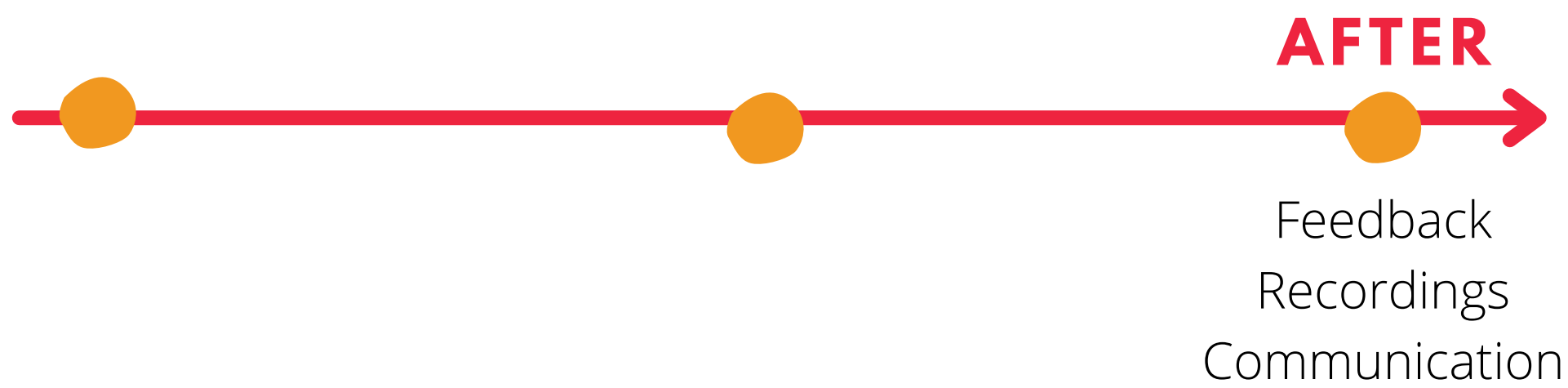


POSTER SESSION





- PLAN -



CONFERENCE CLOSURE

Poster presenters and attendees



It's coming to an end 🙏

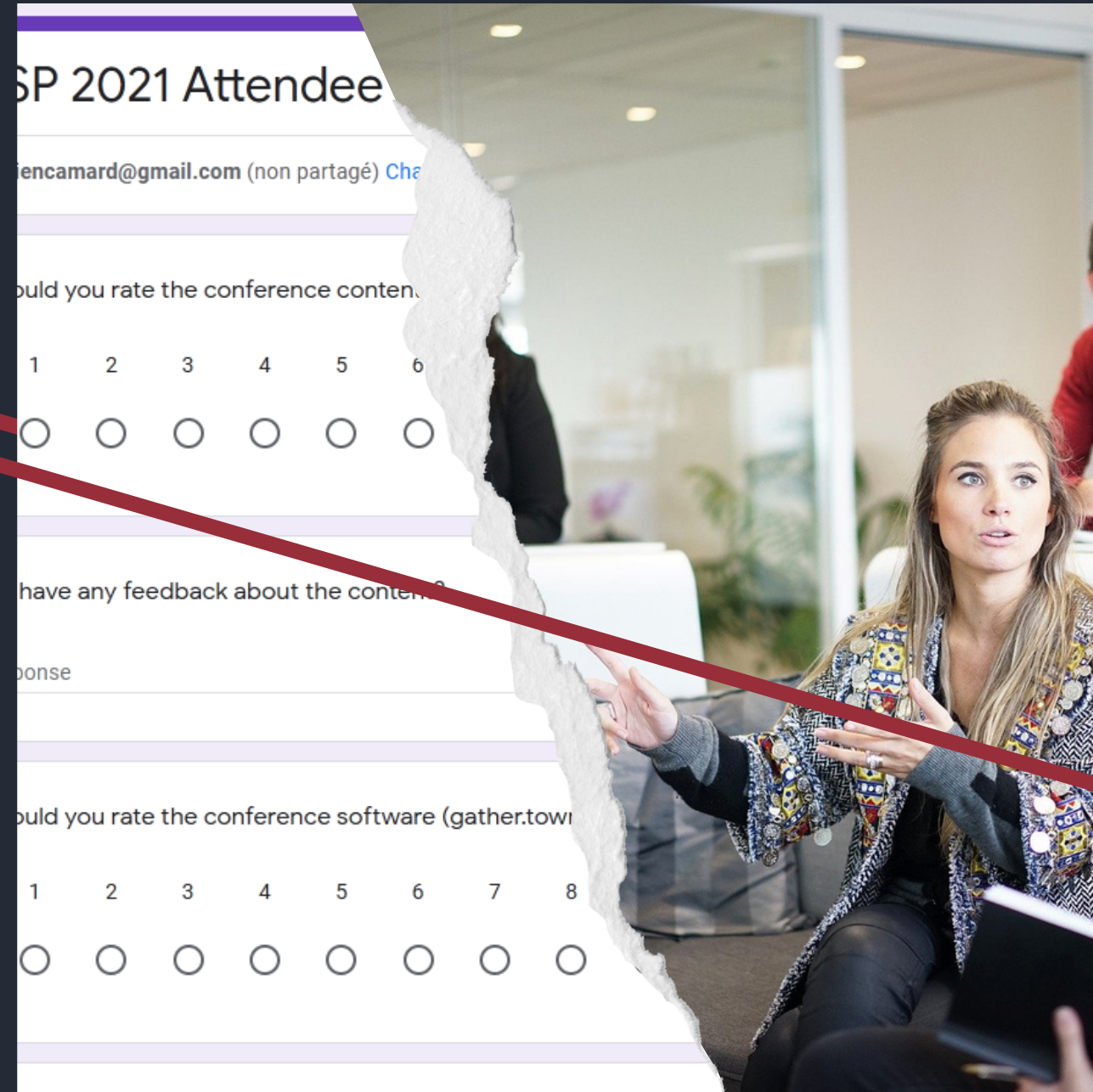


Prizes



FEEDBACK

Improve



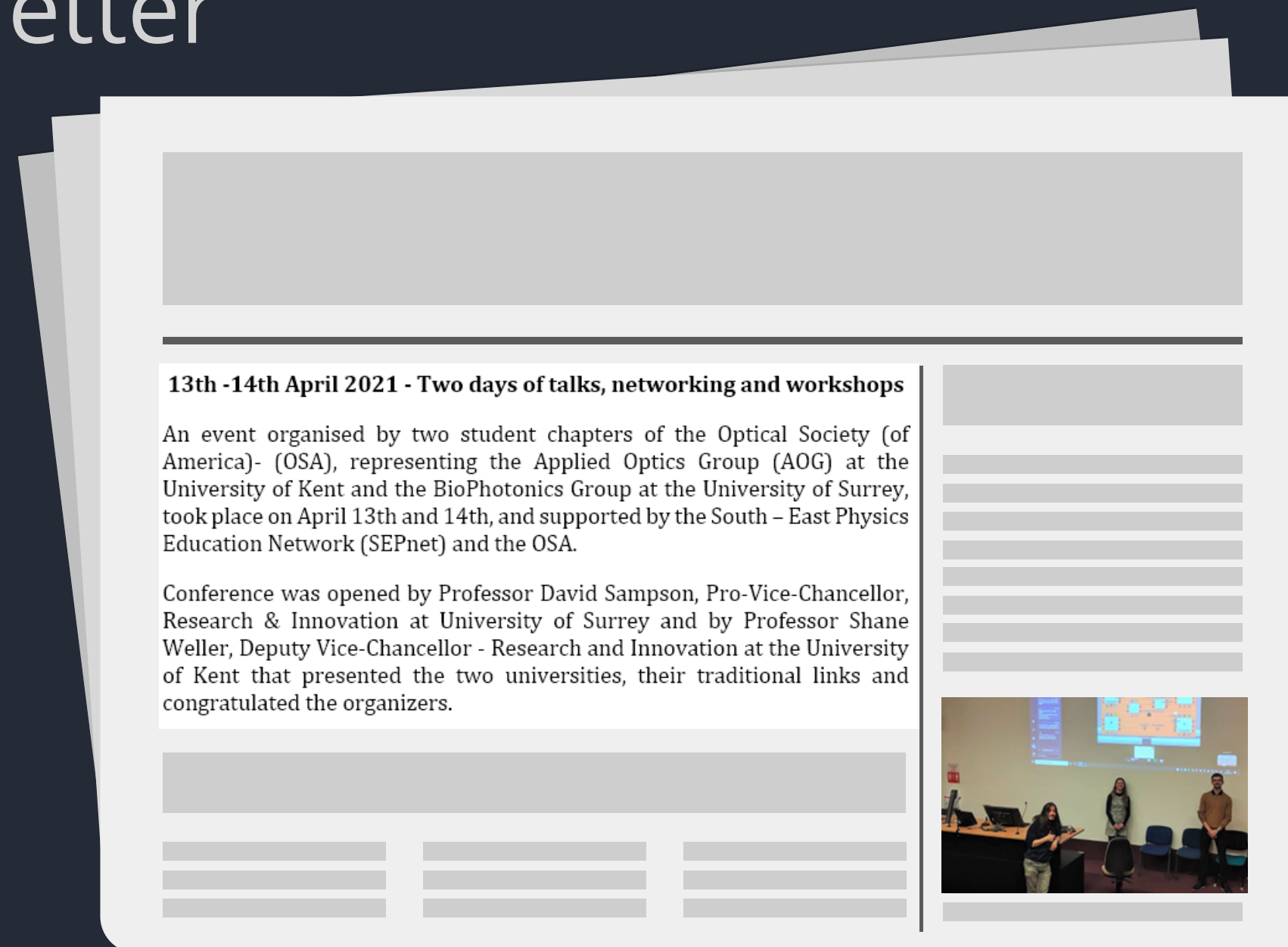
Report

"PRESS CONFERENCE"

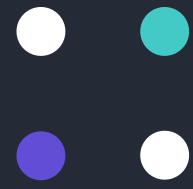
University
newsletter

Newspaper/
Magazine

Social
media



Dissemination
(like today)



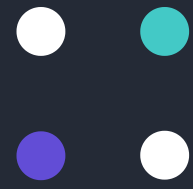
6

TIPS

THAT WILL BLOW
YOUR MIND!

...NUMBER 3 IS A KILLER!





1

CLEAR INFORMATION

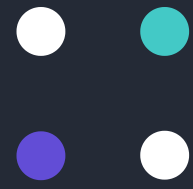


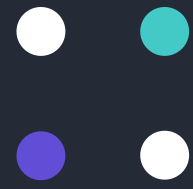
Julien
Online



2

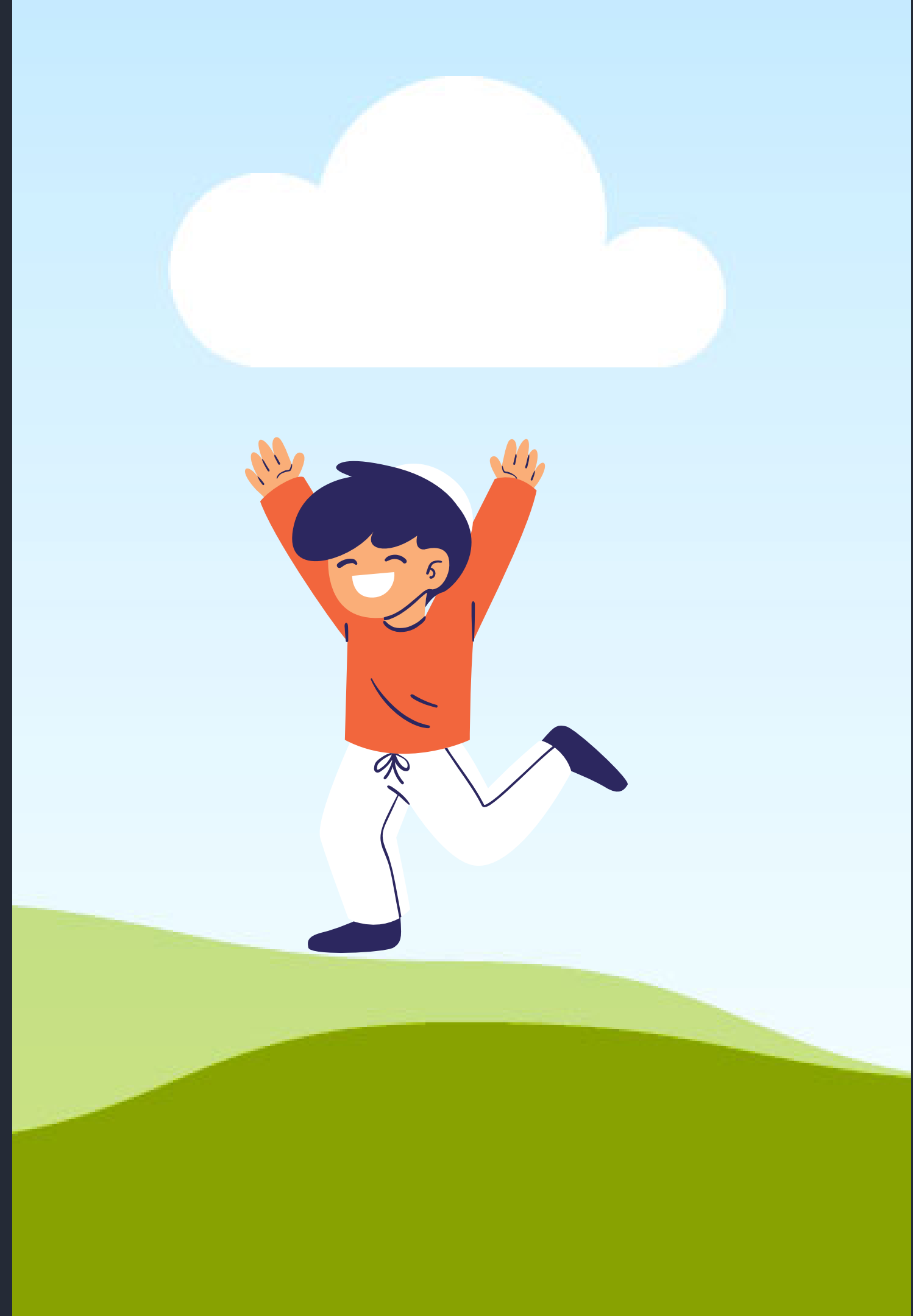
MAKE IT
SOCIAL





3

**KEEP YOUR
TEAM HAPPY**



4

ENCOURAGE NETWORKING



ENTRY

• Ebrahim Safarian • Cristobel

• Rene

• Julien OPSP • harlie Woodw • Lewis Sword uelper

• Ciara

• Giovanna Salvi • Veronika • Fernando Maiaarque

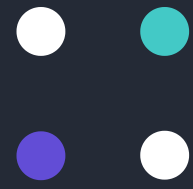
• Taiwo Ojuri

• Jigar Dubal

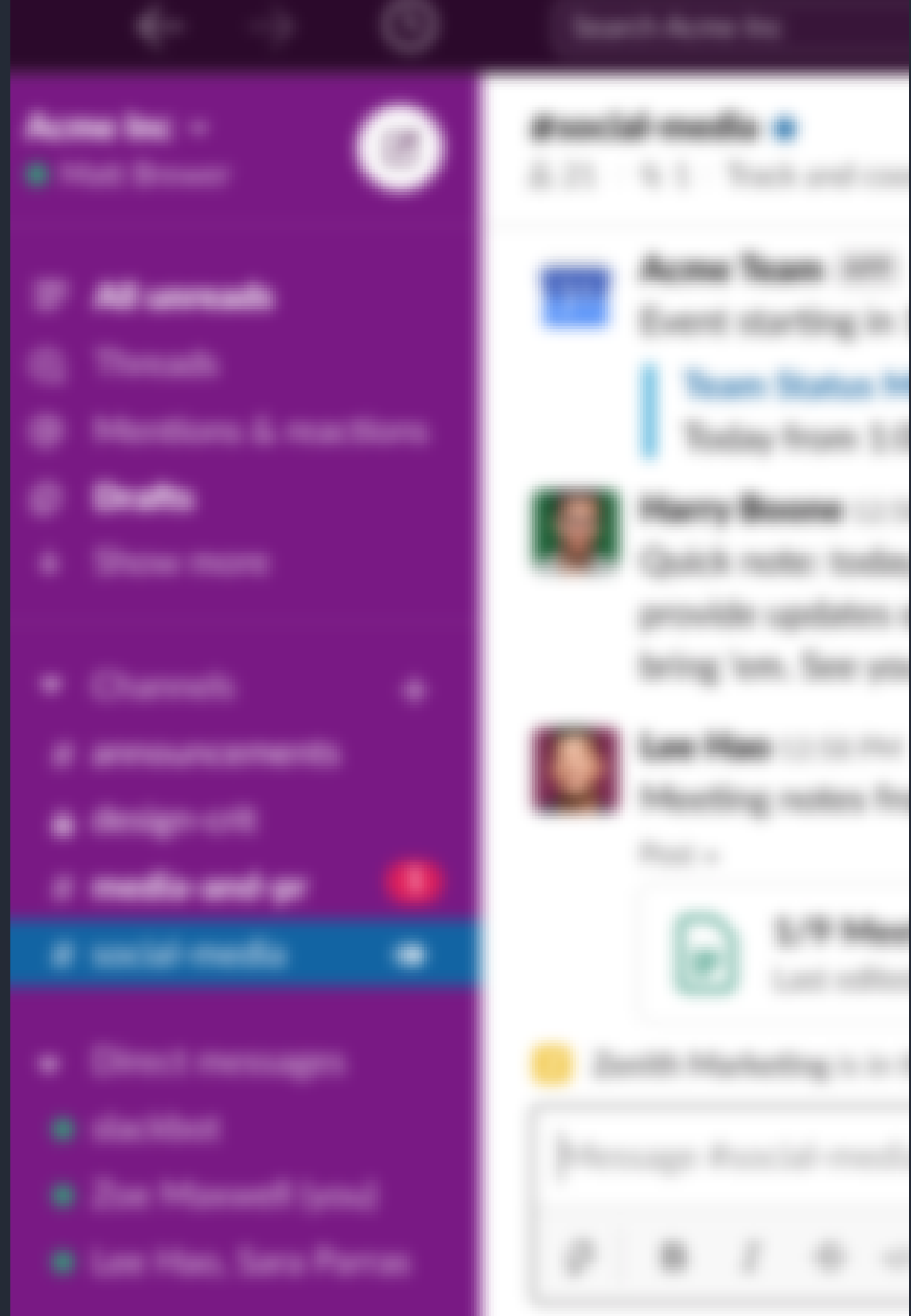
• Pilar Stella DTU • Huchan Lee • vier R

• Rachel OPSP

• Paulo • AdrianF_OPSP



MONITOR COMMUNICATION CHANNELS



6

HAVE FUN!



atch?v=CuJnsqTwoNM

Search

Adrian... Rachel O'P...
Play...

Displaying your research as a comic strip

Fragment of comic about Muon from Jorge Cham (PHD Comics) featured on APS Physics in April. <https://physics.aps.org/articles/v14/i47>

Adrian... Recording Online

Creative Science

0

Comics (and animation) present phenomena that be impossible, here for e is being represented when only thing we can detect young audiences!



TUSIND TAK FOR LISTENING (LET'S CRACK OPEN A COLD WEE ONE WITH YA MATEYS)



English writing	Green
Poster session	Green
OCT	Green
MEMS VCSELs	Green
Lab visit	Green
Dinner	Red
Night out?	Red

