P.A.I.S.S. 2021

Social Breaks & Poster Sessions

Socialize? Socialize!

- An important part of summer schools
  - Talking to Speakers and other Professors & Researchers
  - Meeting peers
  - Networking

- How/Where?
  - on Gathertown (during social breaks and poster sessions)
  - on Slack

Social Breaks Program (in Gathertown)

- Social Guests
  - **Where:** Meet them in Gathertown, as a large meetup
  - **Who:** Established Researchers **and** lovely, very approachable people
  - **What:** Informal discussions about research, life and other adjacent topics
  - Go talk to them! Also, if interested in PhD/Postdoc, ask them about open positions
- Meet the speakers
  - **Where:** "Amphitheater" mode in Gathertown
  - **How:** Everyone but the speaker is muted
    Go to the "microphone" spot to ask a question
- Virtual Meetups
  - **Where:** In Gathertown, at different places, or even just on Slack
  - Suggest a virtual meetup on slack (either on #meetups or just message Yannis/Diane)
    We can make a slack channel for you, help you "book" a nice space on gathertown

Social Breaks Program (in Gathertown)

Legend

- Social Guest session
- “Meet the speakers” session

Monday

15h00

15h30

16h00

16h30

17h00

17h30

Fatma Guney (Koc University) and **Torsten Sattler** (CTU in Prague)

A.M.A. on *“Writing Good Reviews & the reviewing process”*

Social Guest Space S1

Dima Damen (University of Bristol)

“How to be part of a big research team and keep your unique research, EPIC-KITCHENS, the reviewing process, ICCV 2021 (Dima is a PC), Academic Twitter”

Social Guest Space S1

Elisa Fromont (Université Rennes 1/IRISA/Inria)

“Being a woman in AI”

Social Guest Space S2

Yannis Avrithis (Inria)

“Image retrieval, Writing a good paper”

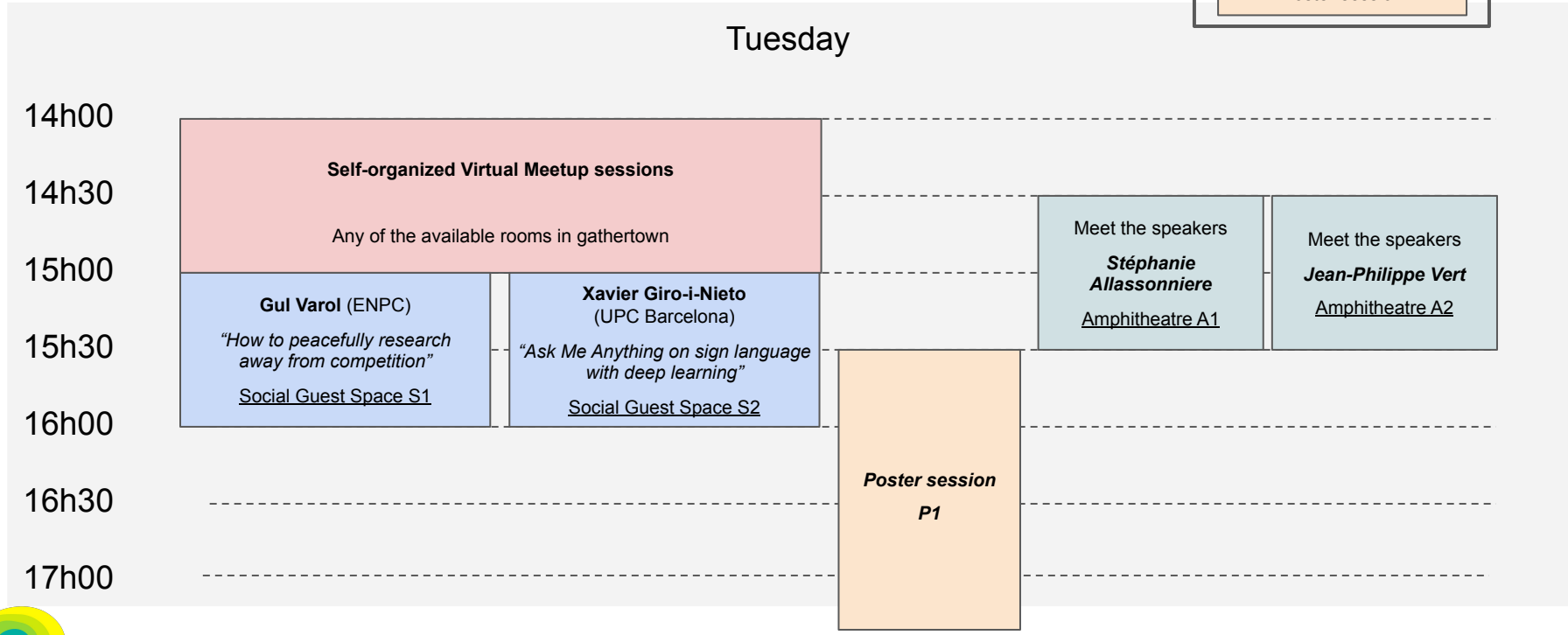
Social Guest Space S2

Meet the speakers ***Cordelia Schmid*** Amphitheatre A1

Meet the speakers ***Lourdes Agapito*** Amphitheatre A2

Meet the speakers ***Andrew Davison*** Amphitheatre A3

Social Breaks Program (in Gathertown)



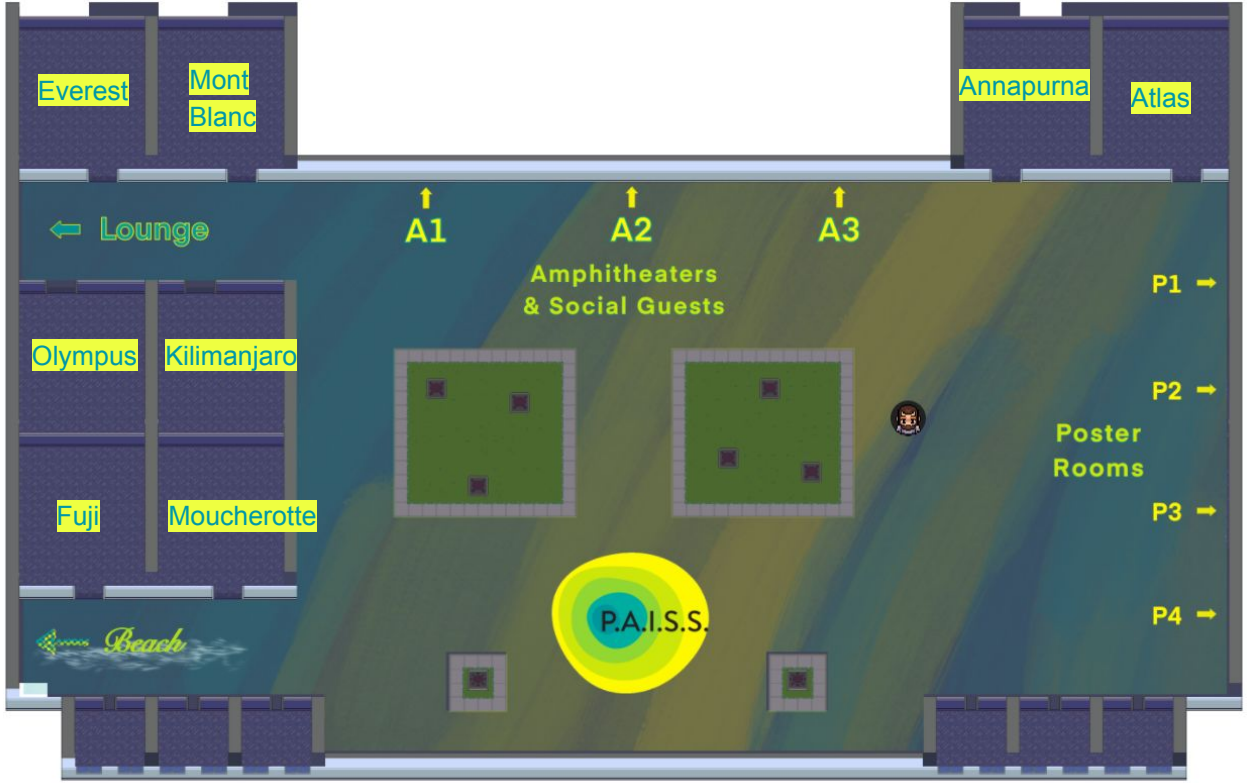
Virtual Meetups - Gathertown 2pm-3pm

So far

- **Kilimanjaro** #meetup-Geometric-DL
- **Fuji** #meetup-autoML
- **Moucherotte** #meetup-computer-vision
- **Atlas** #meetup-satellite-imagery-and-remote-sensing

Feel free to suggest more topics in Slack!!

Gathertown: Virtual Meetup rooms



Social Breaks Program (in Gathertown)

Legend

- Social Guest session
- “Meet the speakers” session

Wednesday

15h00

15h30

Efstratios Gavves
(University of Amsterdam)

The past, present, and future of Computer Vision and Machine Learning

Social Guest Space S1

Kosta Derpanis
(York University/Samsung Toronto)

ndustry vs academia, time management, work-life balance, survival guides, academic twitter, how to pick a postdoc

Social Guest Space S2

16h00

16h30

Mohamed Elhoseiny
(KAUST)

“Ask Me Anything on Imagination supervised Machines”

Social Guest Space S1

Adrien Gaidon
(Toyota Research Institute)

Scaling up ML for Robot Autonomy

Social Guest Space S2

17h00

Hady Elsahar
(NAVER LABS Europe)

“The Dangers of Large Language Models and Ways to Fix them”

Social Guest Space S3

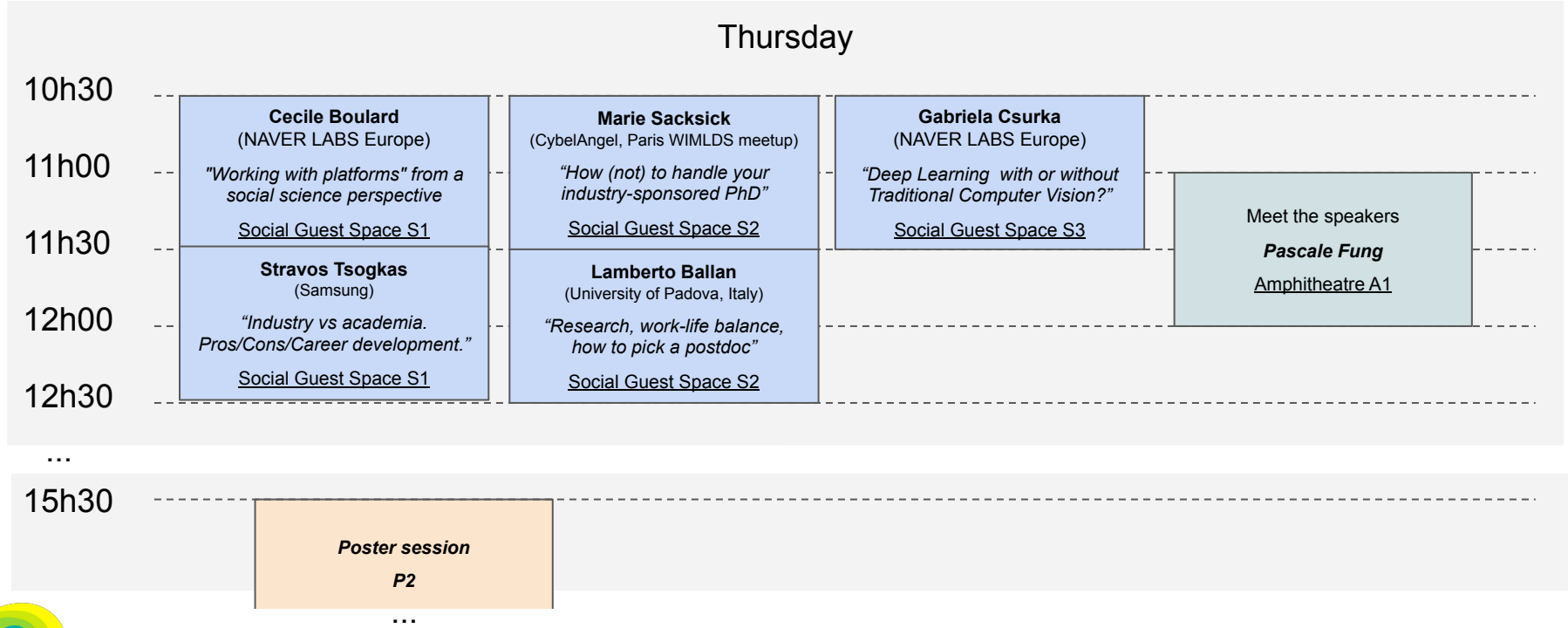
17h30

Meet the speakers
Francis Bach
Amphitheatre A1

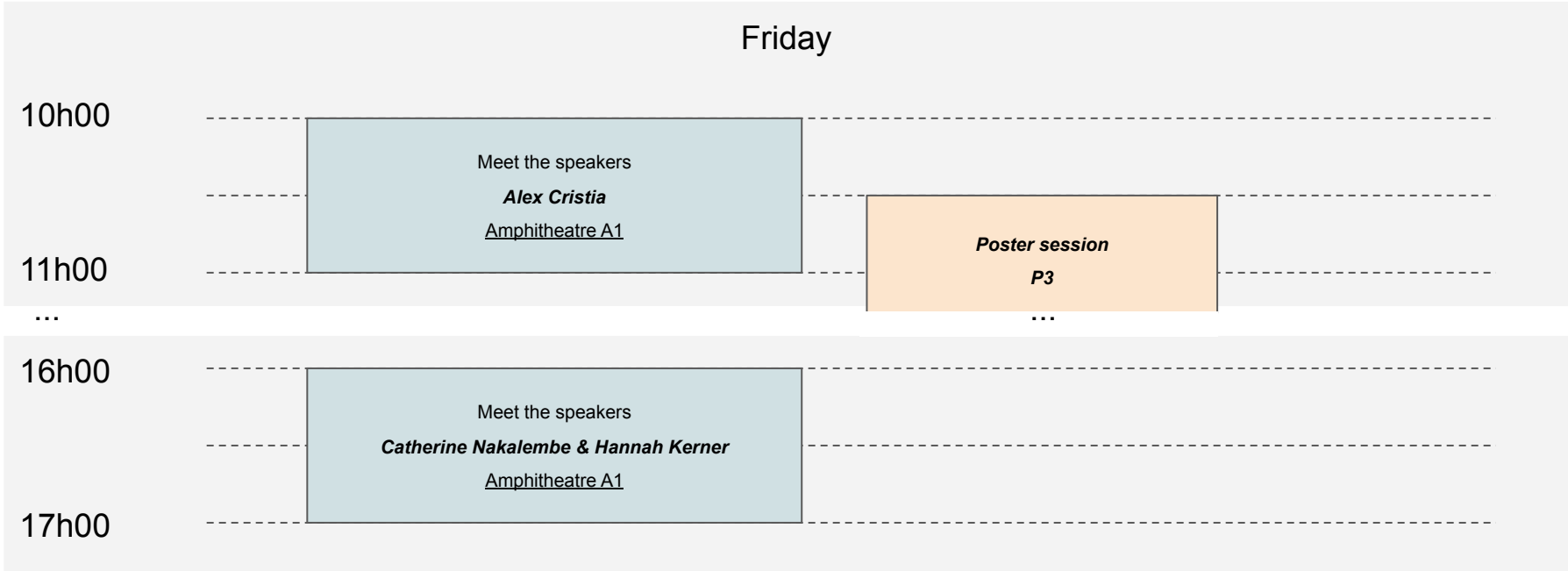
Meet the speakers
Arthur Gretton
Amphitheatre A2

Meet the speakers
Yann LeCun
Amphitheatre A3

Social Breaks Program (in Gathertown)



Social Breaks Program (in Gathertown)



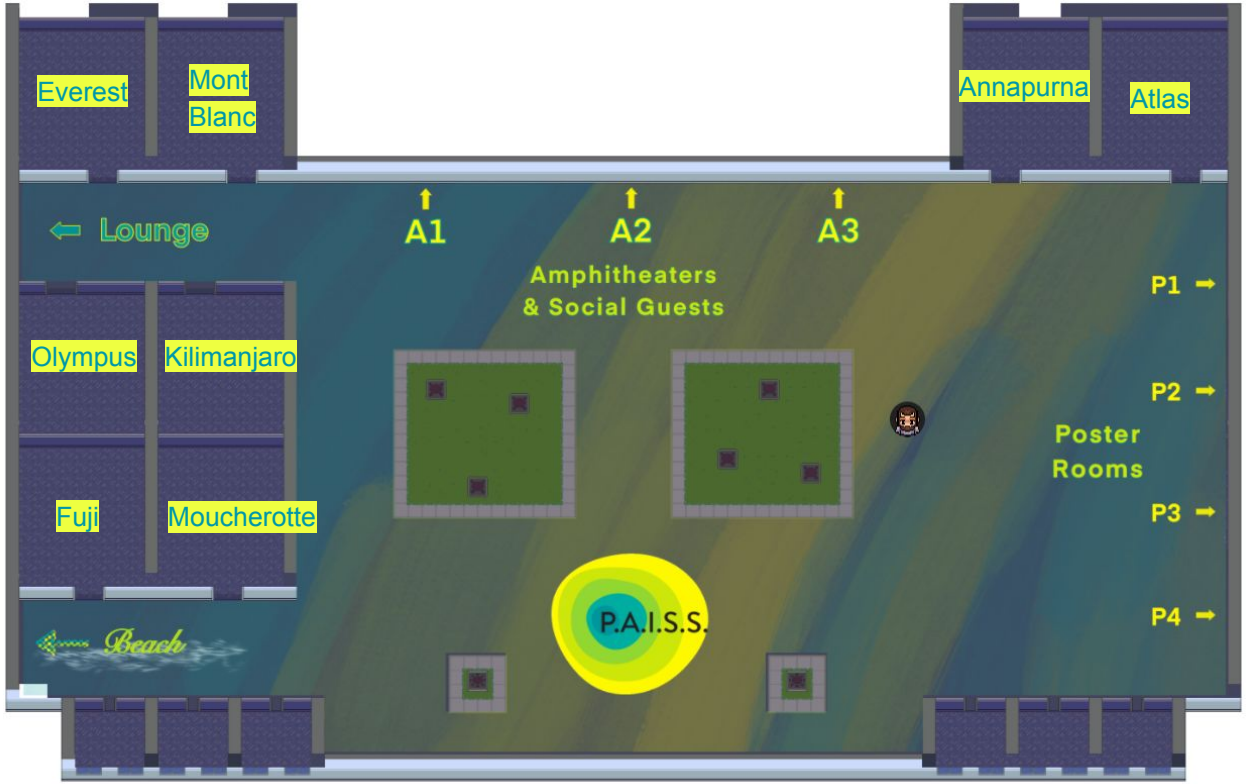
Basic rules for social interactions

- The NeurIPS code of conduct applies also to PAISS
- PAISS is a summer **school**. People come from different backgrounds and are at different levels (i.e. this is not an AI conference)
- Feel free to reach out to us (Diane/Yannis/all organizers) about anything that might bother you or any concern

Social Guests etiquette

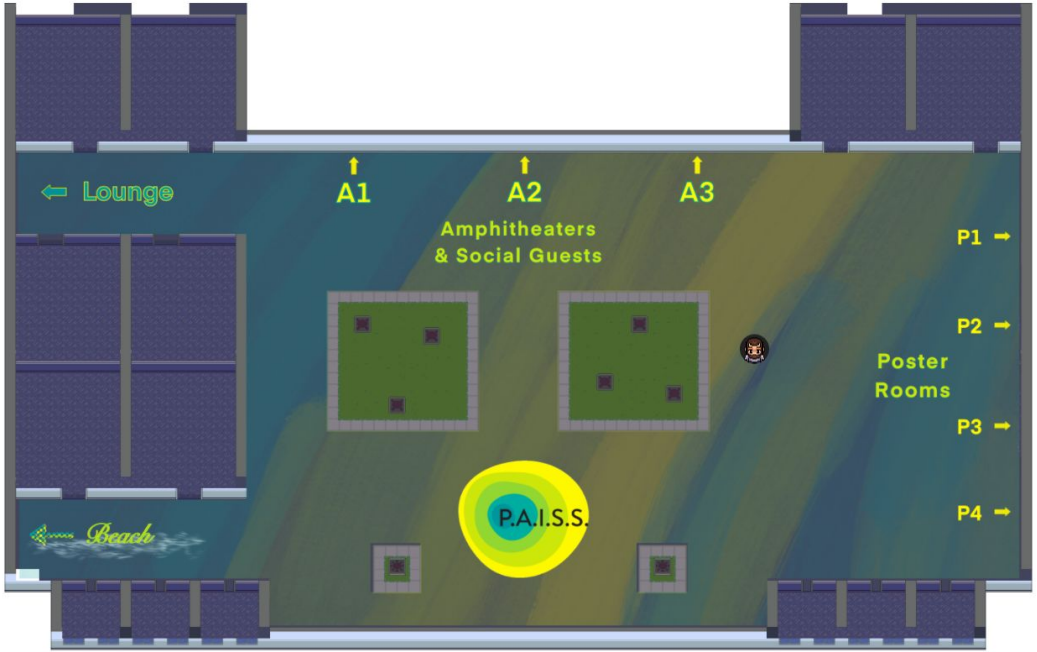
- Social guest spaces are “open”, i.e. everyone can talk
- To avoid noise, please be muted when you don’t interact
- We strongly encourage participants to have their camera on in gathertown

Gathertown: Virtual Meetup rooms



Gathertown: Basic info

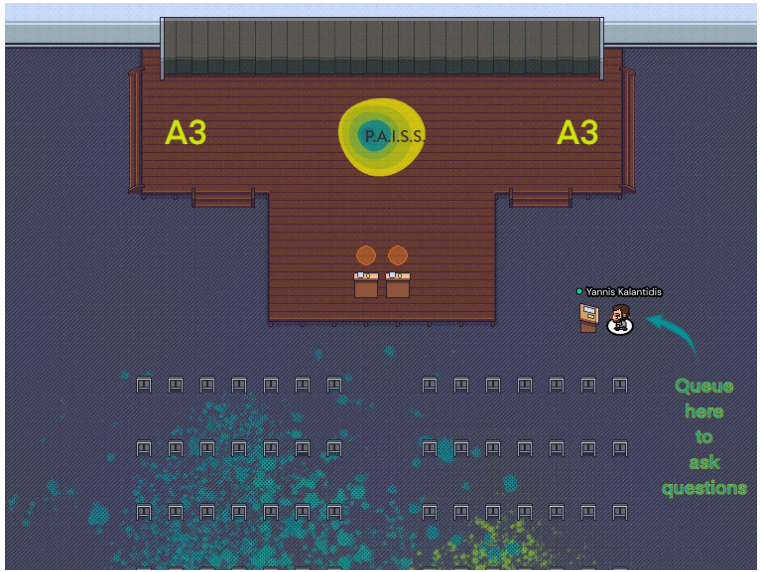
- Use arrows to walk around
- when in proximity to another participant, you can interact
- Private spaces are available for chatting when there are more than 3-4 people



the lobby area

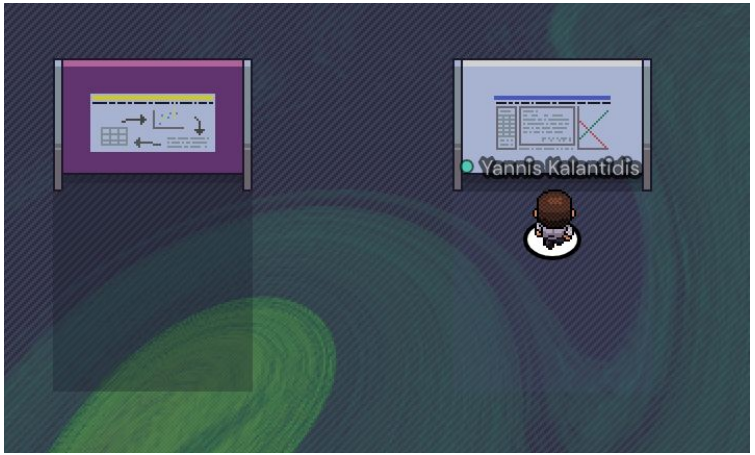
Gathertown: Social Guests & Meet the speakers

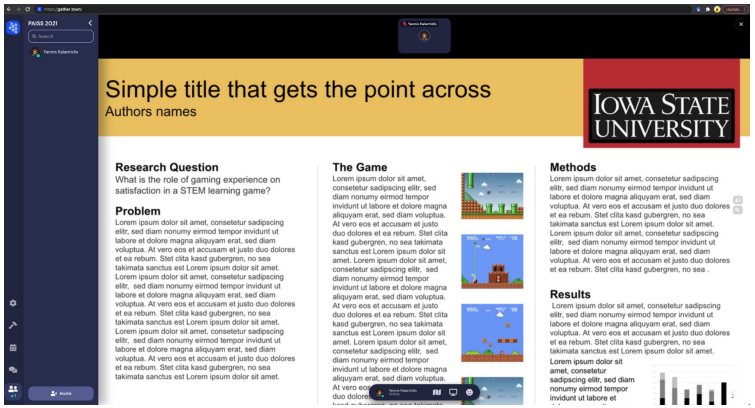
- In social guest areas, anyone can talk by default, please mute yourselves when you are not talking
- In amphitheaters you need to go to the “spotlight” to talk



Gathertown: Posters

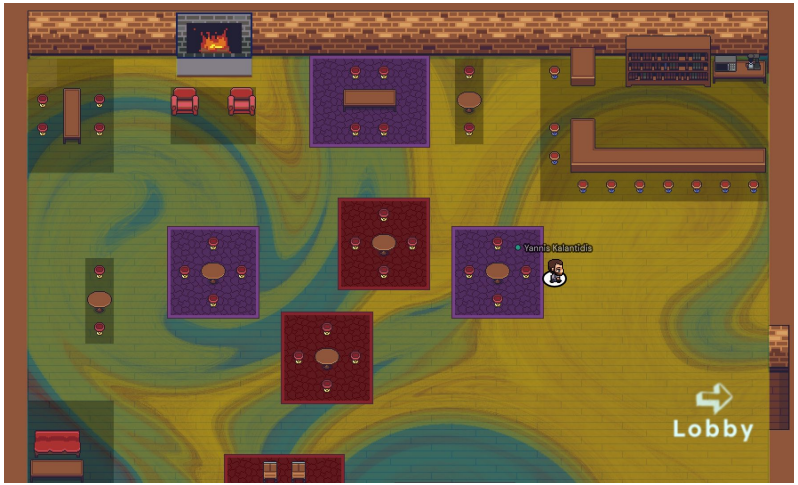
- Each poster has its own “private space”
  Going close to the poster and pressing “x” will maximize the poster in your screen
- The poster presenter will be in this space (at least) for the pre-assigned time of their poster session to discuss with the people that “come close” and enter the private space.
  Presenters can also share their screens, e.g. to present a demo or videos.





Gathertown Meetups & Unstructured socials

- Self-organize your Meetups
  - Drop us a message to book your room
  - There 8 (+2) “rooms” for 30-50 people
  - Two ”hidden” spaces you can look for ;)



Poster Session 1 - Tuesday 6/07 - 3:30pm - 5:30pm

P1	1	Hannes	Stark	3D-aware Self-Supervised learning on Molecular Graphs
P1	2	Claire	Theobald	A Bayesian Convolutional Neural Network for Robust Galaxy Ellipticity Regression
P1	3	Tristan	Gomez	A non-parametric high-resolution attention model for interpretable classification
P1	4	Romain	Egele	AgEBO-Tabular: Joint Neural Architecture and Hyperparameter Search with Autotuned Data-Parallel Training for Tabular Data
P1	5	Firiuza	Shigapova	AI in Risk Modeling
P1	6	Kavya	Gupta	An Adversarial Attacker for Neural Networks in Regression Problems
P1	7	Muzafar	Bhat	APPLE DISEASE DETECTION USING DEEP LEARNING
P1	8	Joseph	Gesnouin	Asymmetrical Bi-RNN for pedestrian trajectory encoding
P1	9	Dimitris	Politikos	Automating fish age estimation from otolith images using deep learning: the role of multitask learning
P1	10	Zakaria	rguibi	Deep learning in medical imaging and smart hospitals
P1	11	Victor	Brossard	DeeREKt: Deep Recognition of Emotions using Kinematics
P1	12	Jhony Heriberto	Giraldo Zuluaga	Detection of Moving Objects via Graph Signal Processing
P1	13	Ziang	Niu	Discrepancy-based Inference for Intractable Generative Models using QMC
P1	14	Agustin	Somacal	Edge adaptive schemes and machine learning for high-accuracy finite volume schemes
P1	15	Benoit	Brummer	End-to-end optimized image compression with competition of prior distributions
P1	16	Martin	Lenglet	Expressive audiovisual speech synthesis for an embodied conversational agent
P1	17	Rustem	Islamov	FedNL: Making Newton-Type Methods Applicable to Federated Learning
P1	18	Myriam	Bontonou	Few-Shot Decoding of Brain Activation Maps
P1	19	Matthieu	Zins	3D-Aware Ellipse Prediction for Object-Based Camera Pose Estimation

Poster Session 2 - Thursday 8/07 - 3:30pm - 5:30pm

P2	1	Omid	Taheri	GRAB: A Dataset of Whole-Body Human Grasping of Objects
P2	2	Lucas	Meyer	Graph Neural Networks for Physics Simulation
P2	3	Paul	Caillon	Growing Neural Networks Achieve Flatter Minima
P2	4	Deqing	Wang	Higher-Order Nonnegative CANDECOMP/PARAFAC Tensor Decomposition Using Proximal Algorithm
P2	5	James	Garland	HOBFLOPS: Hardware Optimized Bitsliced Floating Point Operations for CNNs
P2	6	Corentin	Kervadec	How Transferable are Reasoning Patterns in VQA?
P2	7	Antitza	Dantcheva	Human Video Generation
P2	8	rami	younes	Human-robot collaboration and co-adaptation in shared tasks
P2	9	Ludovica	Ilari	IDENTIFICATION OF HIDDEN PATTERNS IN CLINICAL DATABASE THROUGH DATA MINING TECHNIQUES FOR THE STUDY OF DIABETES PATHOPHYSIOLOGY
P2	10	Hazrat	Ali	Identification of Motor Units in Musculoskeletal Ultrasound
P2	11	Mélodie	Boillet	Including Keyword Position in Image-based Models for Act Segmentation of Historical Registers
P2	12	Andres Felipe	Perez Murcia	Infrastructure Tracking Using Satellite Imagery
P2	13	Julien	Denize	Manifold Mixup for Self-Supervised Contrastive Learning
P2	14	Pierre-Emmanuel	Poulet	Mixture modeling for identifying subtypes in disease course mapping
P2	15	Wen	Guo	Multi-Person Extreme Motion Prediction with Cross-Interaction Attention
P2	16	Varsha	Devi	Multiple-encodings frameworks for explainable multimedia representation and retrieval
P2	17	Deniz	Engin	On the hidden treasure of dialog in video question answering
P2	18	Yi-Heng	Cao	Patient-specific 4DCT respiratory motion synthesis using generative adversarial networks

Poster Session 3 - Friday 8/07 - 10:30am - 12:30pm

P3	1	Rui	Dai	PDAN: Pyramid Dilated Attention Network for Action Detection
P3	2	Clémence	Bolut	PhD subject: 4D image processing and mechanobiology
P3	3	Ben	Saunders	Photo-Realistic Sign Language Production from Spoken Language
P3	4	Shankar	Gangisetty	PIG-Net: Inception based Deep Learning Architecture for 3D Point Cloud Segmentation
P3	5	Martin	Kolarik	Planar 3D Transfer Learning for End to End Unimodal MRI Unbalanced Data Segmentation
P3	6	Raphaël	Chekroun	RIAD: Reinforced Imitation for Autonomous Driving
P3	7	Rui	Yuan	SAN: Stochastic Average Newton Algorithm for Minimizing Finite Sums
P3	8	Sebastian	Gerard	Self-supervision: You might need to pre-scan your satellite images. (Preliminary results)
P3	9	Burak	Satar	Semantic Role Aware Correlation Transformer for Text to Video Retrieval
P3	10	Hubert	Leterme	Sparsifying Convolutional Layers with Dual-Tree Wavelet Packets
P3	11	Jackson	Karama	Surface Fault Diagnosis and Prognosis of Wind Turbine Blades using Artificial Intelligence
P3	12	Vladimir	Iashin	Taming Visually Guided Sound Generation
P3	13	Marc	Lambert	The recursive variational Gaussian approximation (R-VGA)
P3	14	Marc	Blanchon	Toward urban scenes understanding through polarization cues
P3	15	Raghav	Brahmadesam Venkataramaiyer	Understanding 3D geometry without 3D supervision
P3	16	Mert Bulent	Sariyildiz	Concept Generalization in Visual Representation Learning