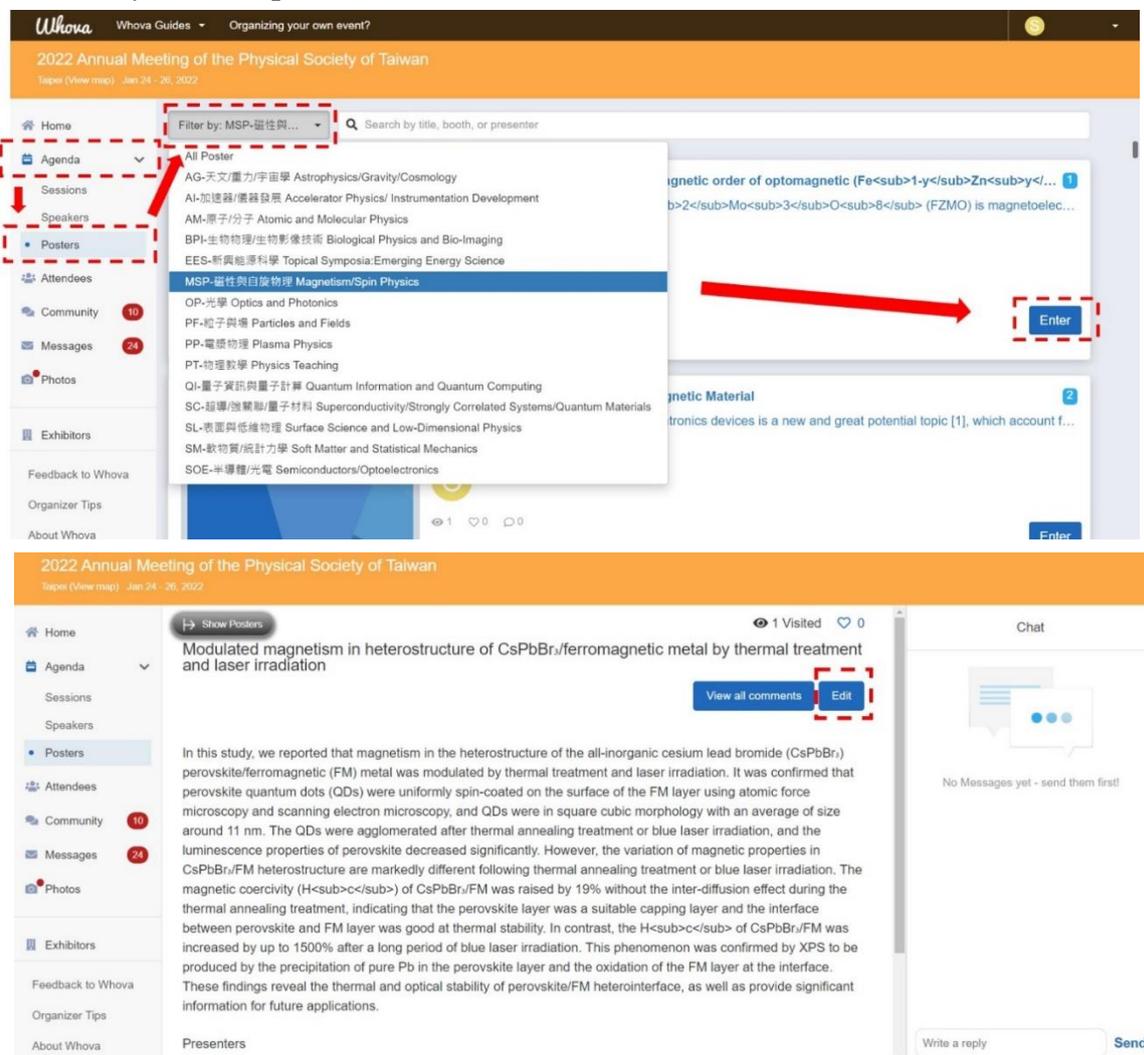


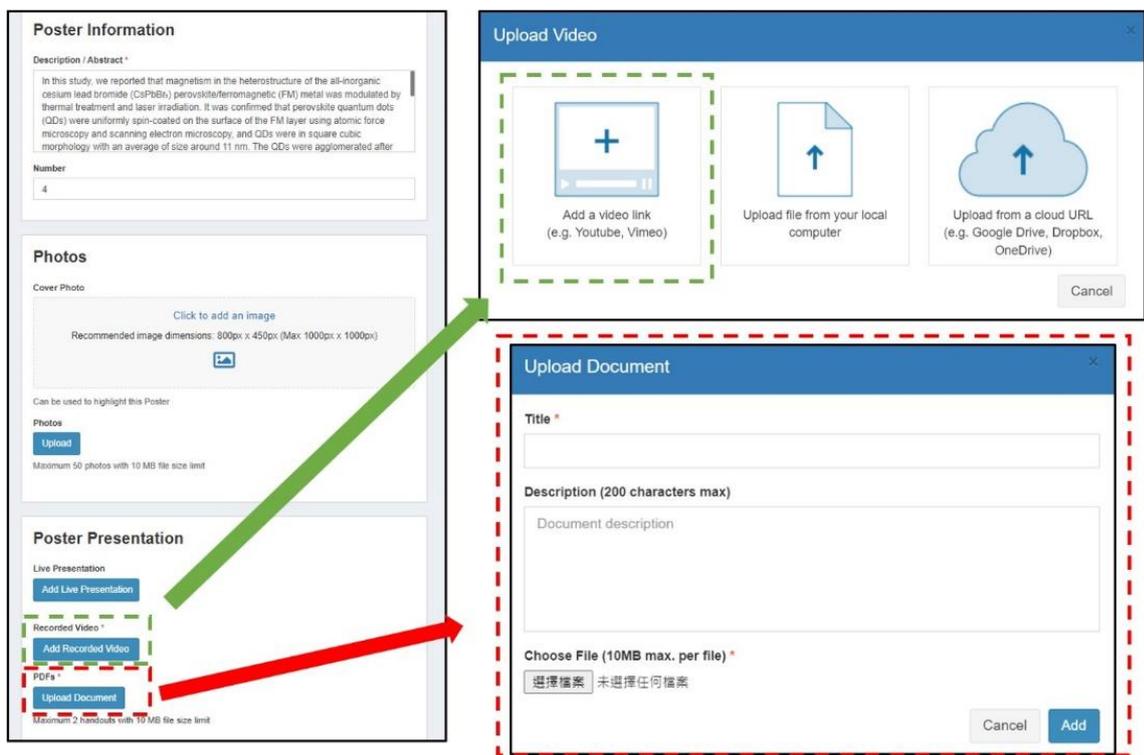
Poster Session Guidelines

Uploading pdf file and Youtube link for your poster 檔上傳和影音說明連結

1. 2022 TPS Annual Meeting Whova Platform registration and log in
 - (1) Website : https://whova.com/portal/webapp/heamo_202201/
 - (2) Registration/Log-in : Please use the same email address as you registered for Annual Meeting registration.
2. Reach your own poster page on Whova Platform
 - (1) Select “Posters” on the left column
 - (2) Using the Filterfunction on top to select the research field of your poster
 - (3) Select your own poster

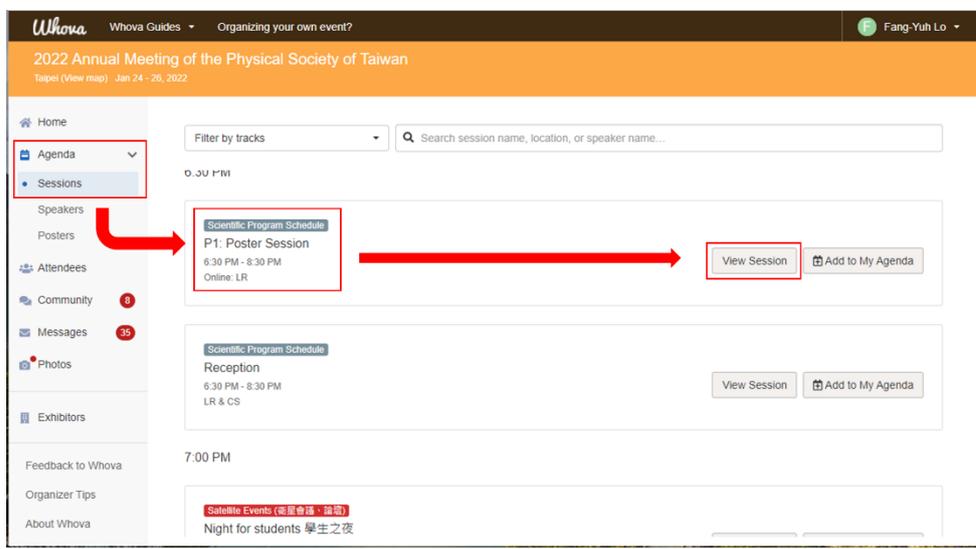


3. Upload pdf file of your poster and add the video link

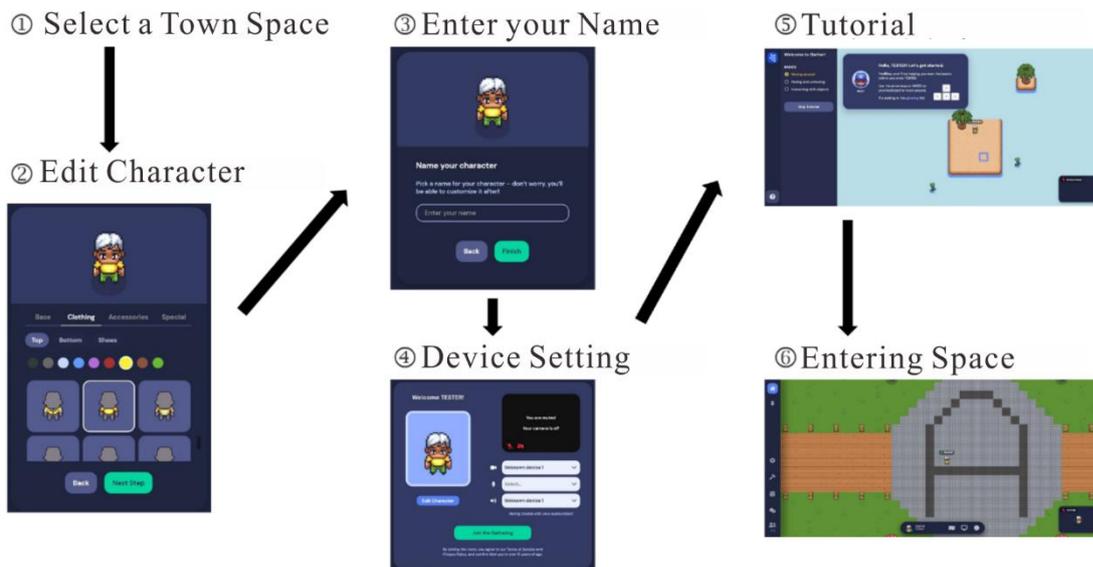


Gather Town sessions

- The poster competition will be held at the following Gather Town Space
 - TPS 2022 Poster Space A : AM 、EES 、PF 、PP 、PT 、QI 。
 - TPS 2022 Poster Space B : AG 、SC 、SM 。
 - TPS 2022 Poster Space C : BPI 、SL 。
 - TPS 2022 Poster Space D : AI 、SOE 。
 - TPS 2022 Poster Space E : MSP 、OP 。
- Find your Gather Town space
 - Go to Whova Platform, and select “Agenda, Sessions”
 - Find P1 : Poster Session, and press “View Session”



3. Entering Gather Town Space



4. Schematic Map of Gather Town Space



Each space has an entrance foyer and two poster exhibition rooms (on the left and right sides of the foyer). The entrance location is the foyer center, where the Town space label (A to E) is shown on the floor with signs denoting the sub-sessions. There are 3 doors connecting the foyer and each exhibition room, as shown by the red and yellow arrows. Each brown square stands for one single poster.

5. Gather Town basic operation

- (1) Moving in Gather Town Space : arrow keys
- (2) Read the poster (pdf) file : Press “X”
Interact with other attendees : In the neighborhood of the other attendee, turn on microphone and webcam, and then talk
- (3) Private space : There are several private space in the poster session room. The people outside the private space cannot hear the conversation inside.
- (4) Tool bar : From left to right –
Map 、 ScreenShare 、 Emoji



6. Leaving Gather Town : Close your browser

壁報發表指引 Poster Session Guidelines

海報 pdf 檔上傳和影音說明連結

1. 2022 物理年會 Whova 網站註冊並登入
網址：https://whova.com/portal/webapp/heamo_202201/
註冊/登入：報名 2022 物理年會的 email 信箱
2. 移動到 Whova 平台上的個人海報網頁
 - (1) 點選左側 Agenda 內的 Posters
 - (2) 利用上方的 Filter 選項點選自己海報論文的領域
 - (3) 點選自己的海報名稱

The image displays two screenshots of the Whova website interface for the 2022 Annual Meeting of the Physical Society of Taiwan. The top screenshot shows the 'Filter by' dropdown menu with 'MSP-磁性與自旋物理' selected. The bottom screenshot shows a specific poster titled 'Modulated magnetism in heterostructure of CsPbBr₃/ferromagnetic metal by thermal treatment and laser irradiation' with an 'Edit' button highlighted.

2022 Annual Meeting of the Physical Society of Taiwan
Taipei (View map) Jan 24 - 26, 2022

Home Agenda Sessions Speakers Posters Attendees Community Messages Photos Exhibitors Feedback to Whova Organizer Tips About Whova

Filter by: MSP-磁性與自旋物理

All Poster

- AG-天文/重力/宇宙學 Astrophysics/Gravity/Cosmology
- AI-加速器/儀器發展 Accelerator Physics/ Instrumentation Development
- AM-原子/分子 Atomic and Molecular Physics
- BPI-生物物理/生物影像技術 Biological Physics and Bio-Imaging
- EES-新興能源科學 Topical Symposia:Emerging Energy Science
- MSP-磁性與自旋物理 Magnetism/Spin Physics
- OP-光學 Optics and Photonics
- PF-粒子與場 Particles and Fields
- PP-電漿物理 Plasma Physics
- PT-物理教學 Physics Teaching
- QI-量子資訊與量子計算 Quantum Information and Quantum Computing
- SC-超導/強關聯/量子材料 Superconductivity/Strongly Correlated Systems/Quantum Materials
- SL-表面與低維物理 Surface Science and Low-Dimensional Physics
- SM-軟物質/統計力學 Soft Matter and Statistical Mechanics
- SOE-半導體/光電 Semiconductors/Optoelectronics

1 Visited 0

Show Posters

Modulated magnetism in heterostructure of CsPbBr₃/ferromagnetic metal by thermal treatment and laser irradiation

View all comments Edit

In this study, we reported that magnetism in the heterostructure of the all-inorganic cesium lead bromide (CsPbBr₃) perovskite/ferromagnetic (FM) metal was modulated by thermal treatment and laser irradiation. It was confirmed that perovskite quantum dots (QDs) were uniformly spin-coated on the surface of the FM layer using atomic force microscopy and scanning electron microscopy, and QDs were in square cubic morphology with an average of size around 11 nm. The QDs were agglomerated after thermal annealing treatment or blue laser irradiation, and the luminescence properties of perovskite decreased significantly. However, the variation of magnetic properties in CsPbBr₃/FM heterostructure are markedly different following thermal annealing treatment or blue laser irradiation. The magnetic coercivity (H_c) of CsPbBr₃/FM was raised by 19% without the inter-diffusion effect during the thermal annealing treatment, indicating that the perovskite layer was a suitable capping layer and the interface between perovskite and FM layer was good at thermal stability. In contrast, the H_c of CsPbBr₃/FM was increased by up to 1500% after a long period of blue laser irradiation. This phenomenon was confirmed by XPS to be produced by the precipitation of pure Pb in the perovskite layer and the oxidation of the FM layer at the interface. These findings reveal the thermal and optical stability of perovskite/FM heterointerface, as well as provide significant information for future applications.

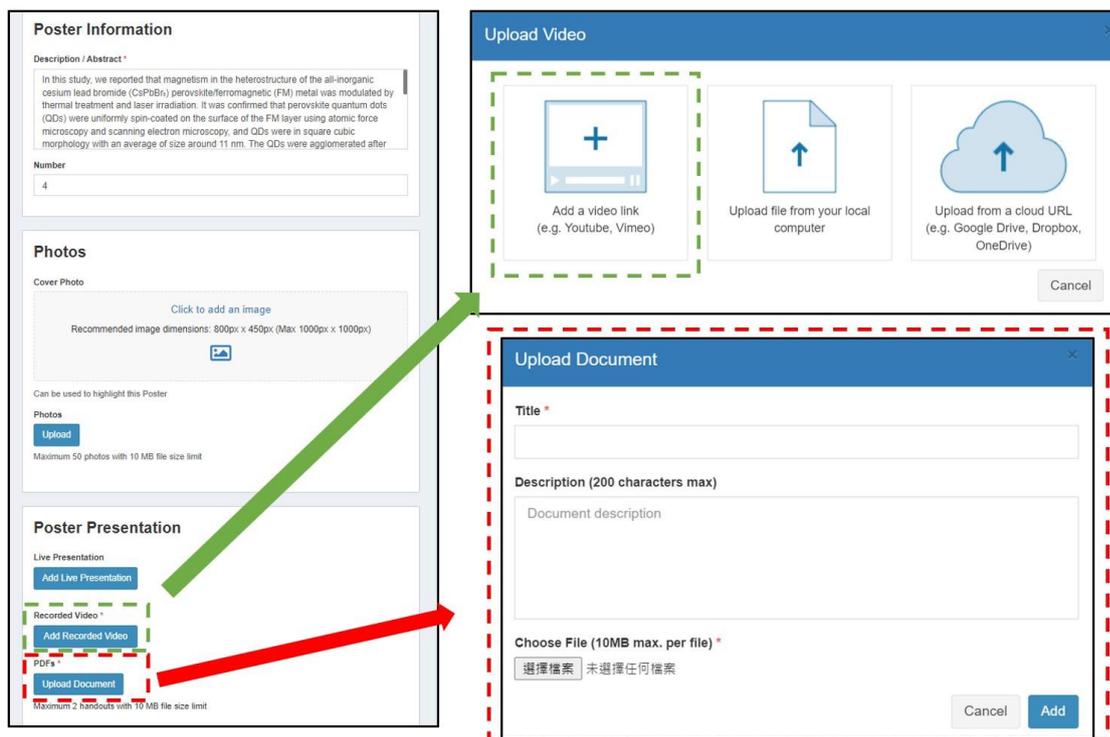
Presenters

Chat

No Messages yet - send them first!

Write a reply Send

3. 點選 Edit 進行上傳海報的 pdf 檔案、貼上影音說明的 Youtube 網址



Gather Town 說明

7. 參與競賽的壁報安排在 5 個 Gather Town 場地：

TPS 2022 Poster Space A：AM、EES、PF、PP、PT、QI。

TPS 2022 Poster Space B：AG、SC、SM。

TPS 2022 Poster Space C：BPI、SL。

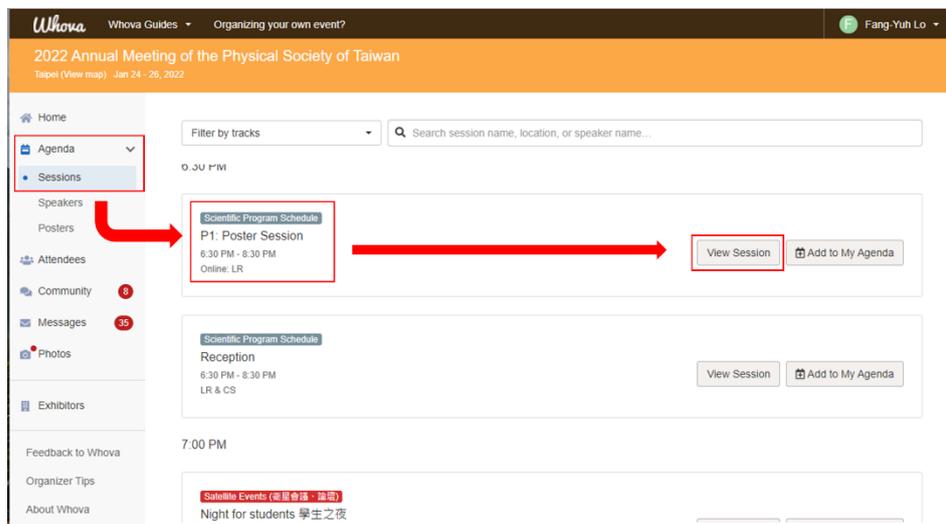
TPS 2022 Poster Space D：AI、SOE。

TPS 2022 Poster Space E：MSP、OP。

8. 取得 Gather Town 場地連結

(1) 在 Whova 平臺上點選 Agenda 內的 Sessions

(2) 找到 P1：Poster Session，點選 View Session



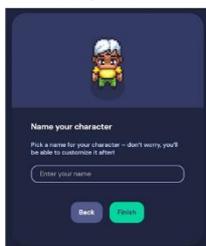
9. 進入 Gather Town 場地

① 點選進入一個場地連結

② 人物造型設置



③ 名稱設置



④ 影音裝備設置



⑤ 進行新手教學



⑥ 進入場地



10. Gather Town 場地平面圖



每個場地有正中央的入口大廳和左、右兩個海報展場。場地的入口是大廳正中央，中央廣場地面標有場地編號 (A~E)，並會標註兩側海報展場的海報領域。大廳和展場有三個出入口，如圖上的紅色、黃色箭號所示。每一個棕色正方形則代表一張海報的展示位置。

11. Gather Town 操作

甲、 在會場中移動：方向鍵

乙、 觀看和取消觀看海報：按 X 鍵，螢幕下方會顯示海報的縮圖

丙、 和與會者即時影音互動：靠近與會者時開啟麥克風和攝影機即可面對面交談，可於右下角小人物頭像處確認目前麥克風與攝影機是否開啟

丁、 Private space：場地中設有多個 private space，在 private space 之外的與會者聽不見 private space 內的交談，進入 private space 的區域範圍內時範圍外的區域顏色會變暗

戊、 下方控制排：點選小人物頭像時可以更換人物造型，右方依序是小地圖、螢幕分享與表情符號的按鈕。



12. 離開 Gather Town：關閉瀏覽器