

Guidelines for Poster Presentations IAEA online 2021

Poster presentations for IAEA online 2021 will be held in the web-conferencing space Gather.town (<https://www.gather.town/>). There will be two poster sessions, on Wednesday and Thursday (1st and 2nd September), between 12:00 – 13:30 BST. During the poster sessions, you will be able to do a virtual presentation of your poster, with live video conferencing so that you can communicate with other conference attendees in a dedicated poster booth.

During the scheduled poster session, you will be able to present your poster to a maximum of 8 participants at a time in your poster booth. Participants can freely roam between poster booths. Pressing the “x” key allows you to enter the full screen viewing of a poster. The poster rooms will remain open throughout the entire conference so that attendees can view your poster at any time, but you will only be expected to be in your poster booth during your allocated session.

If your abstract has been selected as a poster, you will need to provide two separate files, the actual poster file and a thumbnail image (see details below). We will then add your poster to your designated poster booth in the virtual poster room prior to the event. Please be aware that the poster will be fitted to widescreen (16:9), so you ideally you should prepare your poster in **landscape** format. You can upload posters in portrait format as well, but presenters and visitors will have to scroll to see the entire poster

Instructions for poster files

1. Main poster document: 1st-3rd September

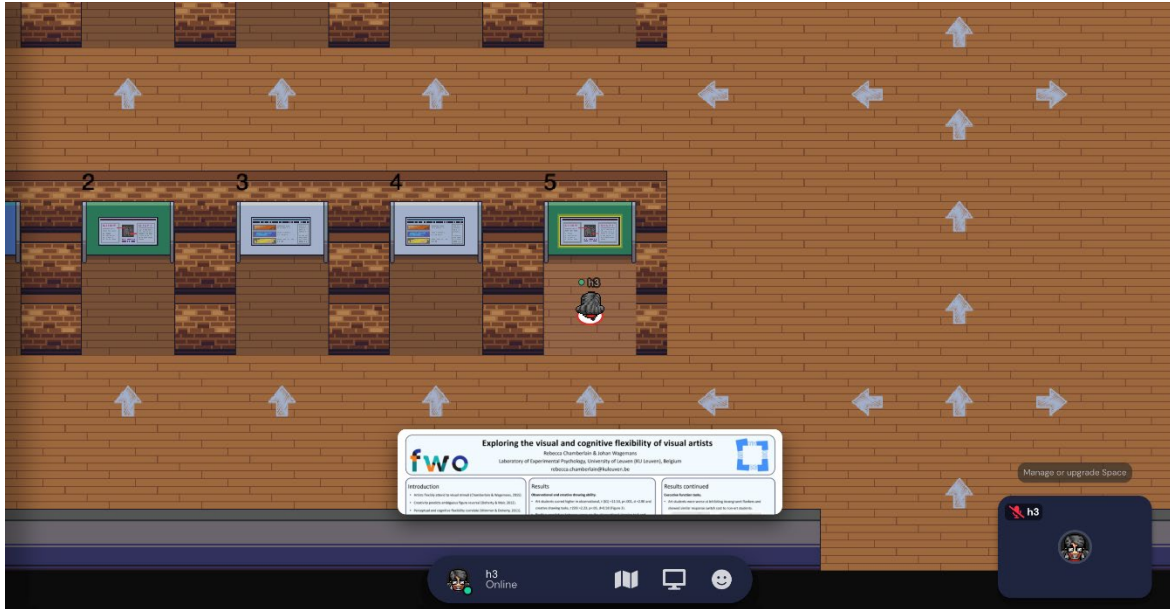
- Your poster must be uploaded as a **jpeg file**
- Preferably in **landscape** format
- Minimum width is 1000px (26.46cm).
- Minimum height is 600px (15.88cm).
- Maximum file size is **2MB**.
- No transparent background.

2. Preview “thumbnail” image:

- **.jpg file**
- A copy of the main poster document that has been made smaller.
- Recommended width is half of the main document.
- Recommended height is half of the main document.

The deadline for sending the two files to the organisers will be **23rd August 2021 at 12:00 pm BST**. Please send them to: iaealondon2021@gmail.com including [Poster] followed by the lead author and title in the subject heading.

(Example: [Poster]_Chamberlain_Exploring the visual and cognitive flexibility of visual arts)



Exploring the visual and cognitive flexibility of visual artists

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Introduction

- Artists flexibly attend to visual stimuli (Chamberlain & Wagemans, 2015).
- Creativity predicts ambiguous figure reversal (Doherty & Mair, 2012).
- Perceptual and cognitive flexibility correlate (Wimmer & Doherty, 2011).

Aim. To explore the relationship between artistic ability, perceptual flexibility and executive function in art students and non-art students.

Hypotheses.

- Artistic ability will predict perceptual flexibility
- Artistic ability will predict cognitive flexibility
- Perceptual flexibility will mediate the link between cognitive flexibility and artistic ability.

Methods

Participants:
Art students: n=30 (Mean age=22.2, SD=4.5, 18 female).
Non-art students: n=33 (Mean age=20.6, SD=3.0, 28 female).

Procedure.

- Drawing tasks: Creative (TCCT: Figural) and observational task (Figure 1).
- Ambiguous figures: SFM cylinder and overlapping squares (Figure 2)

Results

Observational and creative drawing ability.

- Art students scored higher in observational, $t(61) = 11.53, p < .001, d = 2.90$ and creative drawing tasks, $t(59) = 2.23, p < .05, d = 0.58$ (Figure 3).
- Positive correlation between scores on the observational drawing task and scores on the creativity task, $r(59) = 0.42, p < .001$.

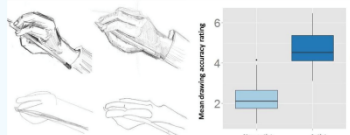


Figure 3. Left: Examples of best (top) and worst (bottom) drawings of hand stimulus. Right: Observational drawing ratings of art and non-art students

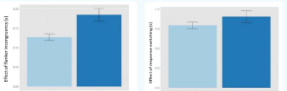
Ambiguous Figures task reversals.

- Cylinder (Figure 4: left)
 - Main effect of art group, $F(1, 55) = 6.84, p < .05, \eta^2 = 0.11$.
 - Interaction between art group and flanker, $F(1, 55) = 3.45, p < .01, \eta^2 = 0.08$.

Results continued

Executive function tasks.

- Art students were worse at inhibiting incongruent flankers and showed similar response switch cost to non-art students.



Correlations between drawing and flexibility * $p < .05$, ** $p < .01$

	Observational		Creative	
	Passive	Switch	Passive	Switch
Cylinder	0.19	0.01	0.11	-0.15
Square	0.26*	0.14	0.07	-0.01
Flanker effect	0.38**	0.32*	0.21	0.11
Switch cost	0.12	0.11		

Discussion

- Art students can flexibly switch between ambiguous figure percepts.
- Switching predicts observational but not creative drawing ability, contrary to previous research (Doherty & Mair, 2012).

Examples of Poster Preview (top) and Main document (bottom) on gather.town

Guidelines for Individual Talks IAEA online 2021

For IAEA online 2021, parallel individual talk sessions will be held in separate Zoom meeting rooms. You will be provided with the specific talk session times and links to the Zoom meeting rooms in the IAEA programme to be released prior to the meeting.

This means that if your abstract is selected for an individual talk, the organisers will ask you to prepare a 20-minute talk (15 minutes presentation + 5 minutes Q&A) to be presented via screenshare on Zoom. Information about how to share your screen in zoom can be found here: <https://support.zoom.us/hc/en-us/articles/201362153-Sharing-your-screen>

Please make sure to arrive for your scheduled talk session 10 minutes prior to the start of the session, so that you can check that screensharing and all features of your presentation are working on Zoom.

If, for whatever reason, you are unable to attend your session, you may send a pre-recorded talk to the organisers by **27 August 2021 at 12:00 pm BST**. Please send the pre-recorded file via <https://wetransfer.com/> to: iaealondon2021@gmail.com including [Talk] followed by the lead author name and title in the subject heading.

*During IAEA, individual talk sessions will be recorded on Zoom. If you do not wish your talk to be recorded, please contact the organisers.

Guidelines for Symposia IAEA online 2021

For IAEA online 2021, parallel symposia will be held in separate Zoom meeting rooms. You will be provided with the specific symposia times and links to the Zoom meeting rooms in the IAEA programme to be released prior to the meeting.

This means that if your abstract is selected for a symposia, the organisers will ask you to prepare a talk (the exact timing and format to be determined by the symposium chair) to be presented via screenshare on Zoom. Please get in touch with your symposia chair to prepare this session. Information about how to share your screen in zoom can be found here: <https://support.zoom.us/hc/en-us/articles/201362153-Sharing-your-screen>

Please make sure to arrive for your scheduled symposia 10 minutes prior to the start of the session, so that you can check that screensharing and all features of your presentation are working on Zoom.

If, for whatever reason you are unable to attend your session, you may send a pre-recorded symposium talk to the organisers by **27 August 2021 at 12:00 pm BST**. Please send the pre-recorded file via <https://wetransfer.com/> to iaealondon2021@gmail.com including [Symposium Talk] followed by the lead author name and title in the subject heading.

*During IAEA, symposia will be recorded on Zoom. If you do not wish your talk to be recorded, please contact the organisers.