

# A floorplan system for massed gatherings under CVD 19 conditions.

Antony Giorgione  
June 2020

This document posits a method for organising massed in-person gatherings.

Its format adheres to current guidelines and its modularity would assist in the staged relaxation of strictures.

Its presentation is designed to enhance the sense of experience.



Guidelines advise spacing via two metrics; distancing of 1.5 metres between individuals or 4 square metres per person.

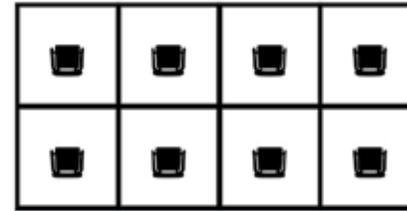
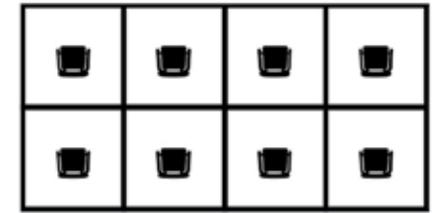
A plenary session with removable seating might necessarily use the second metric, with each chair sitting inside a 2x2 metre border.

The most efficient way of maximising the number of seated people in any given space is by arranging the 2x2 module in a rectilinear grid.

It is also very cost-effective; all you need is duct tape.

But while this arrangement is fine for exams, it is otherwise dispiriting.

It feels like a two-dimensional cage.

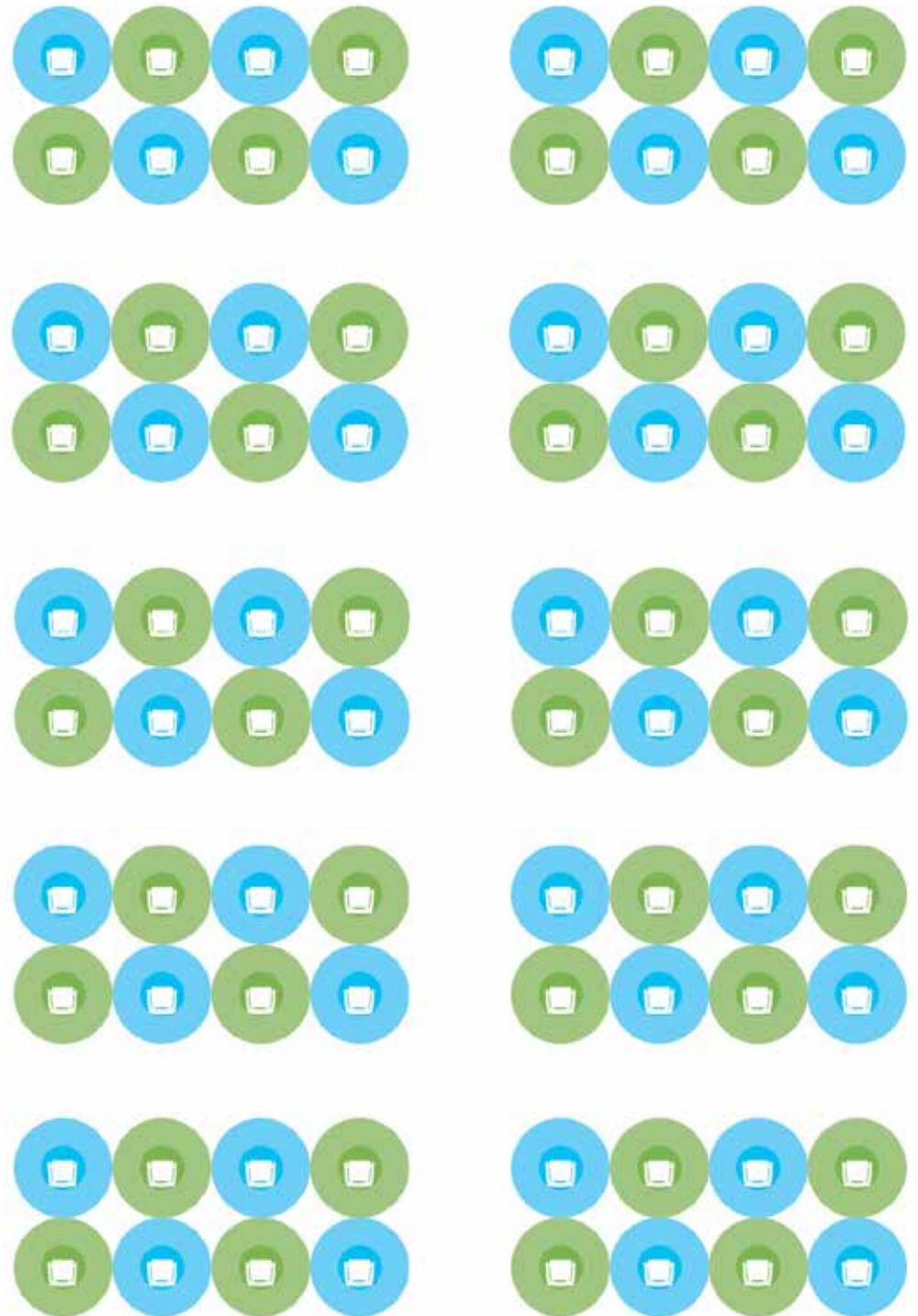


If we instead apply the 1.5 metre distancing rule, we can consider half that length as a measure of an individual's personal space.

An area can be described by a .75m radius sweeping around a .5m<sup>2</sup> (approx) footprint of the seated body.

The outer radius defines the buffer zone which, when set against other modules, completes the required distancing.

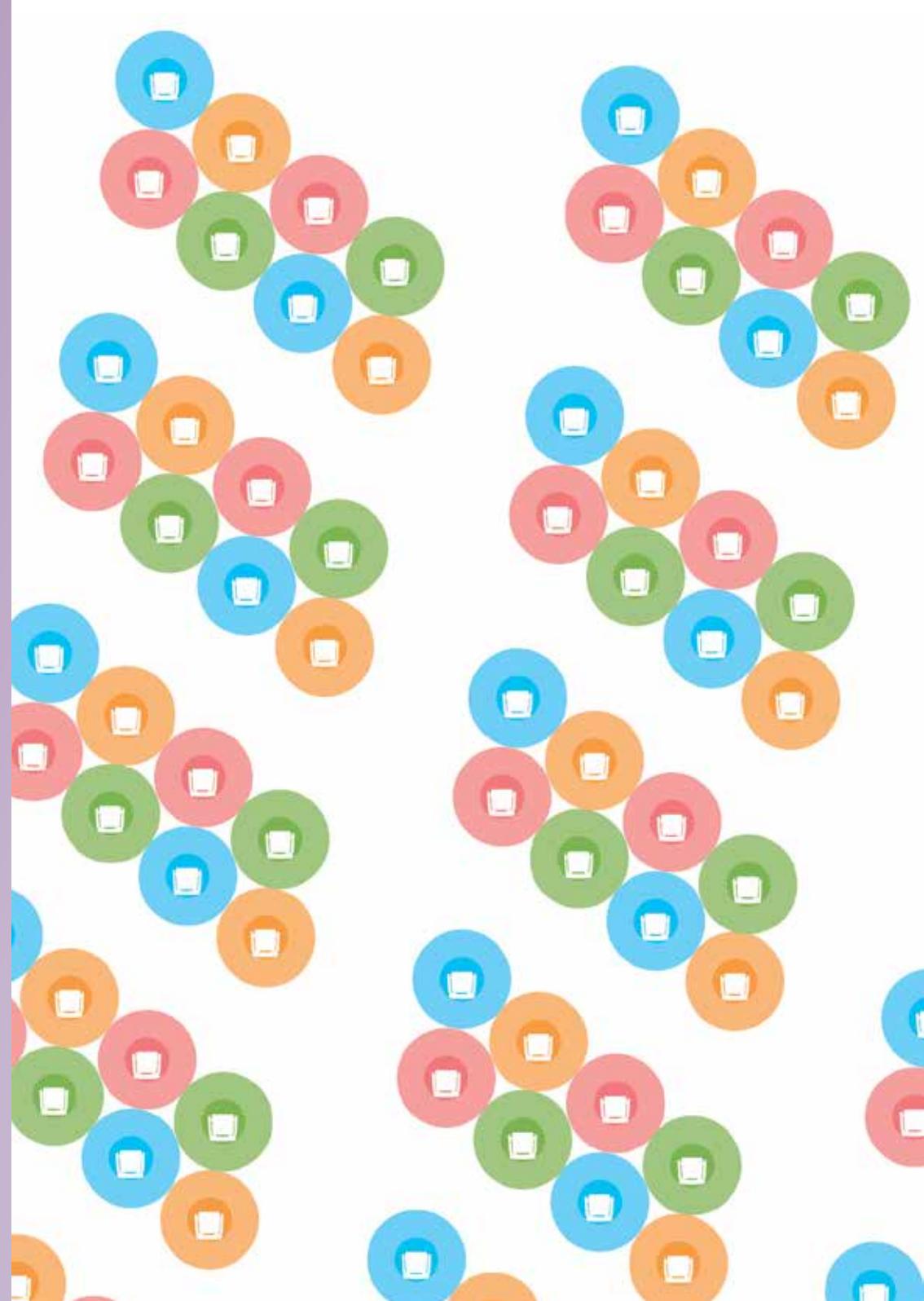
The approach is human-centred.  
The effect is circle soft, not square hard.



The broad swathe of colours would occupy the lower part of our visual periphery, doing its bit to fill in for absent bodies.

With movable mats we can add further to the crowding effect.

For example, skewing the grid's axes results in a more randomised scattering of people sitting within our sight line.



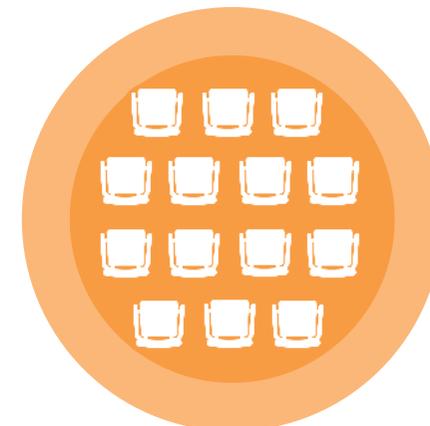
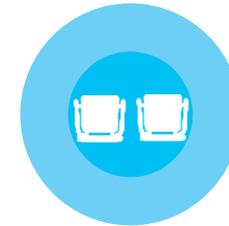
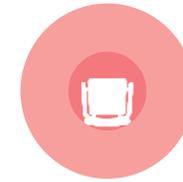
Subsequent staging may allow for greater density within a module.

The point of inflection for sociability is two people together.

It is then we can return to the fun of attending in-person; sharing a cogent aside or some whispered snark without having to shout it over one and a half metres.

And with greater density comes the opportunity for decentralisation of control.

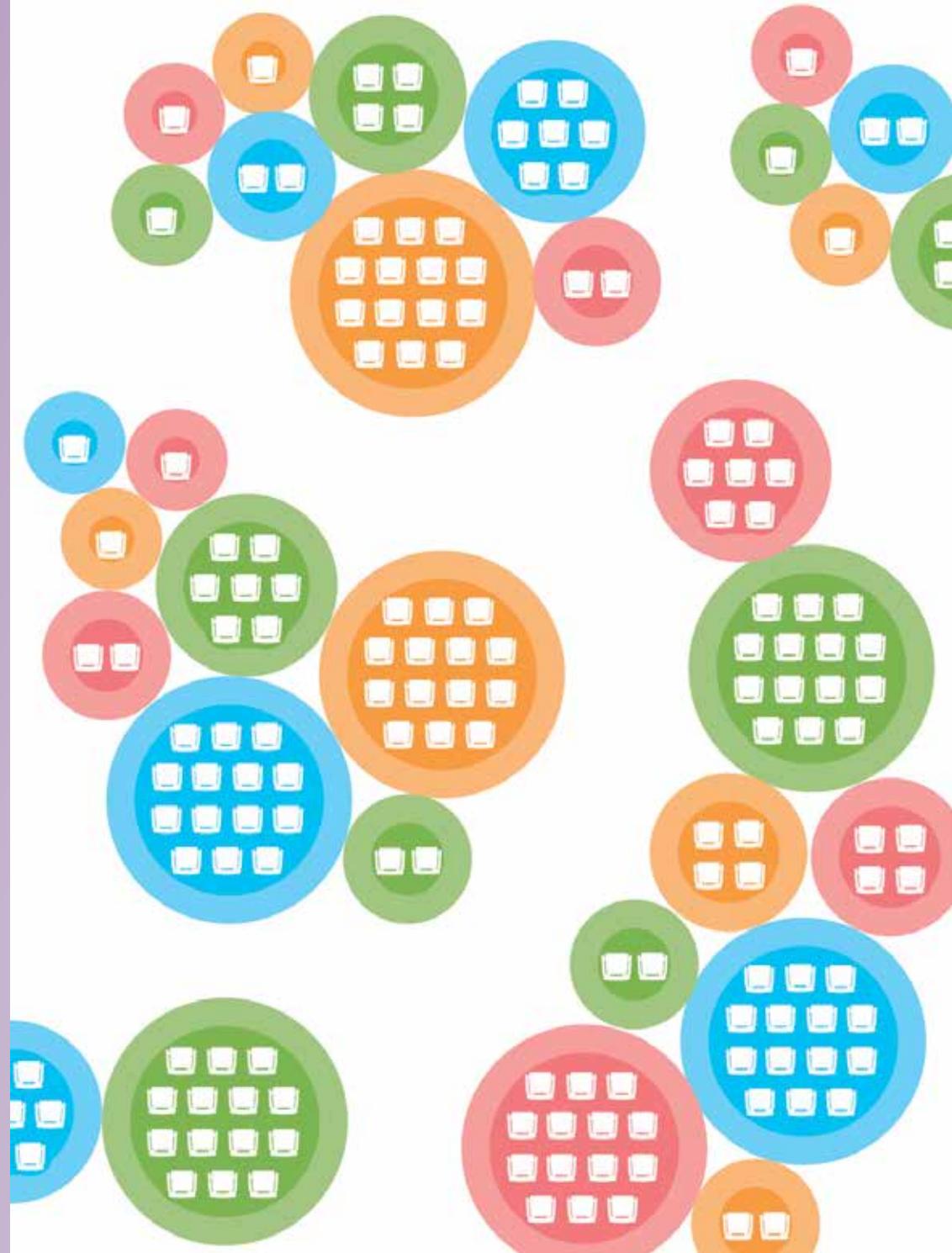
These clusters can start to assume responsibilities within themselves, managing aspects of compliance internally.



This system is most suited to multiple-use scenarios requiring rapid bump-in/ bump-out transitioning against variability in session booking profiles.

Its graphic nature provides for ease of planning on screen.

Its higher costs may be amortised over the increased number of sessions required to cover similar overall attendance as before.



Some people may choose to mingle,  
but others will insist on keeping their distance.

This system provides for managing both  
without ostracising either.

**Antony Giorgione**

+61 414 904 335  
[antonygiorgione.com](http://antonygiorgione.com)