STOC 2021 – Mystery Hunt

Day III

Once you have found a solution for the second puzzle (or the answers for the last two days' hunt), email me the answer (or find me on the map):
clement.canonne@sydney.au.edu

1 The Birthday Paradox

That one needs no introduction: you have n people, you have 365 days, and since *of course*[1] the birthdays are uniformly distributed and every year has exactly 365 days, for $n \approx \sqrt{356}$ you start to have a pretty decent probability of at least two people sharing the same birthday.

Well, we have $n \geq 700$ attendees, so the probability that you (you, *specifically*) do not share a birthday with *anybody* around is quite small. Like, less than 15%.

So, err. Please find one, and let me know their name (and yours).

2 Image Recognition

The windows are back to what they should – woods, and birds, and waves, and various glorious things. I wish I could say the same for everything, though. I think someone tried to leave a message in the lounge, but I really don't get it.

And they say four pictures are worth four thousands words...

[1] Of course?[2]
[2] Of course![3]
[3] Of course...