

Speaking (about C++)

Meeting C++

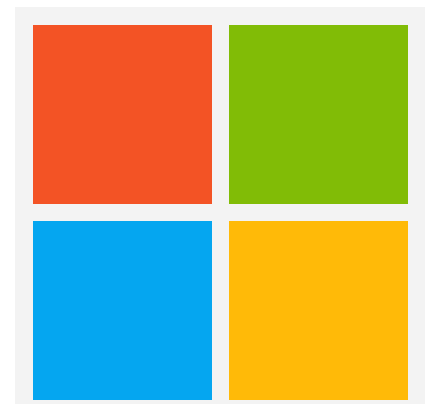
June 2024

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Victor Ciura
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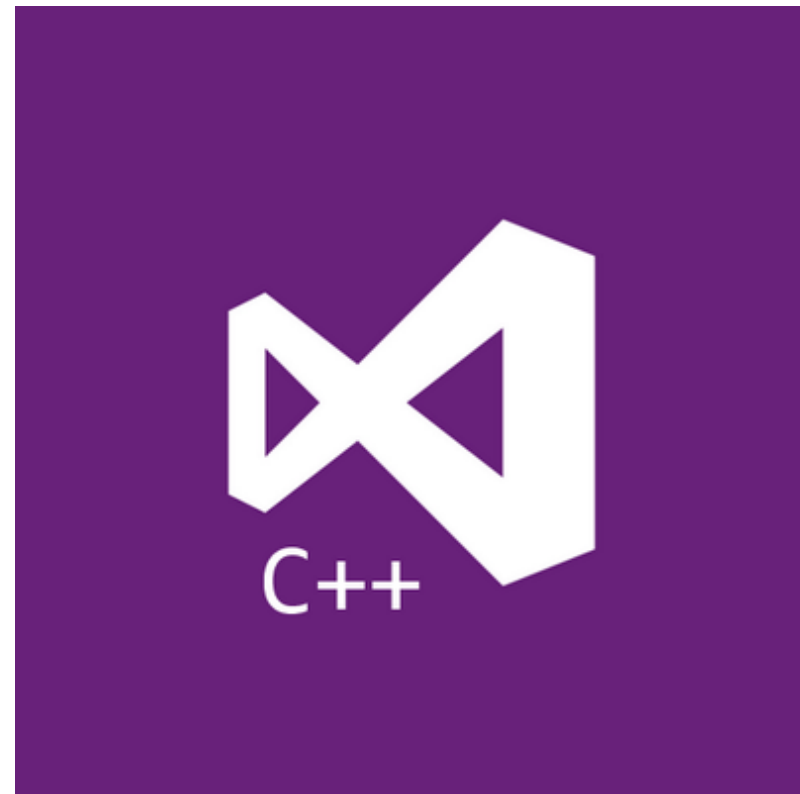
About me



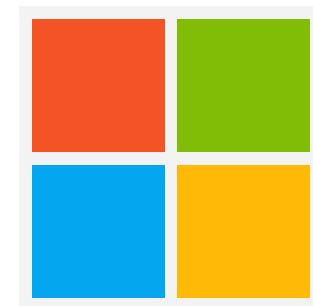
Advanced Installer



Clang Power Tools



Visual C++



M365 Substrate



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Heapifying

```
template <typename It>
void make_heap(const It a, const size_t size) {
    assert(size > 2); // other sizes handled outside
    size_t firstParent = (size - 3) / 2;
    size_t firstRightKid = (firstParent + 1) * 2;
    for (;;) --firstParent, firstRightKid -= 2) {
        ... outer loop ...
    }
    if (size & 1) return;
    // Fixup for only child
    push_heap(a, a + size);
}
```



⚠️ **Singleton Warning:** You are not this guy! Don't even try!

EEE

Engage, Entertain, Educate

"Technical Speaking that Works"

E3 workshop



Scott Meyers

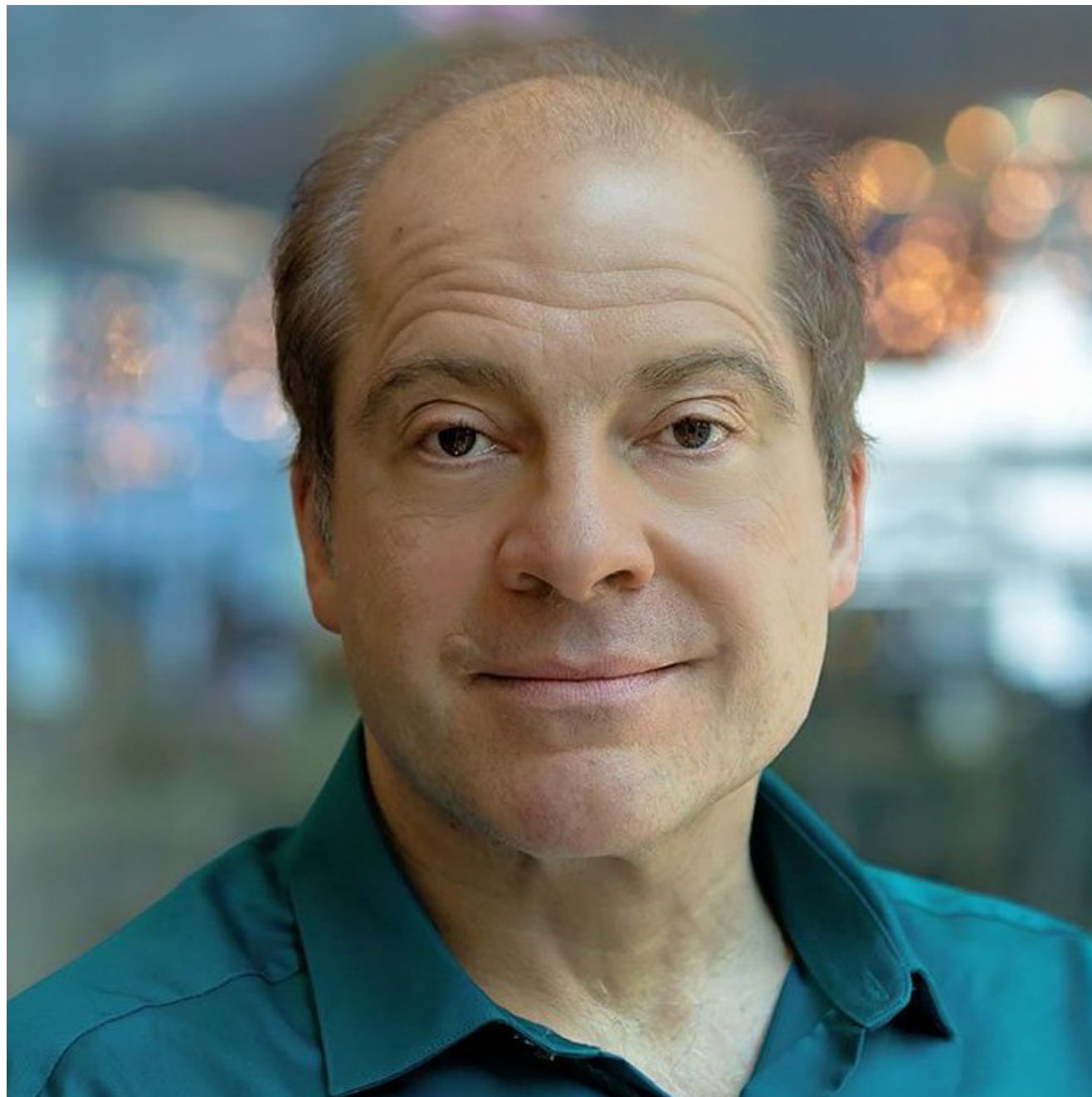


Kate Gregory



Andrei Alexandrescu

EEE 2019



John Lakos



Kate Gregory



Andrei Alexandrescu



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- Token, catch-phrase, moniker

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 - "My idea/method is **different** from X,Y,Z because..."
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 - "My method is similar to X,Y,Z, but here's what I did differently"
- Keep **contrasting** to existing knowledge/methods
- Avoid people being confused about what's **novel** from you

Rhythm & Path

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- Repeat (in different ways): 2-3x

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- Pause

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 - Agenda
 - Enumerations
 - Reference points

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- Ask questions

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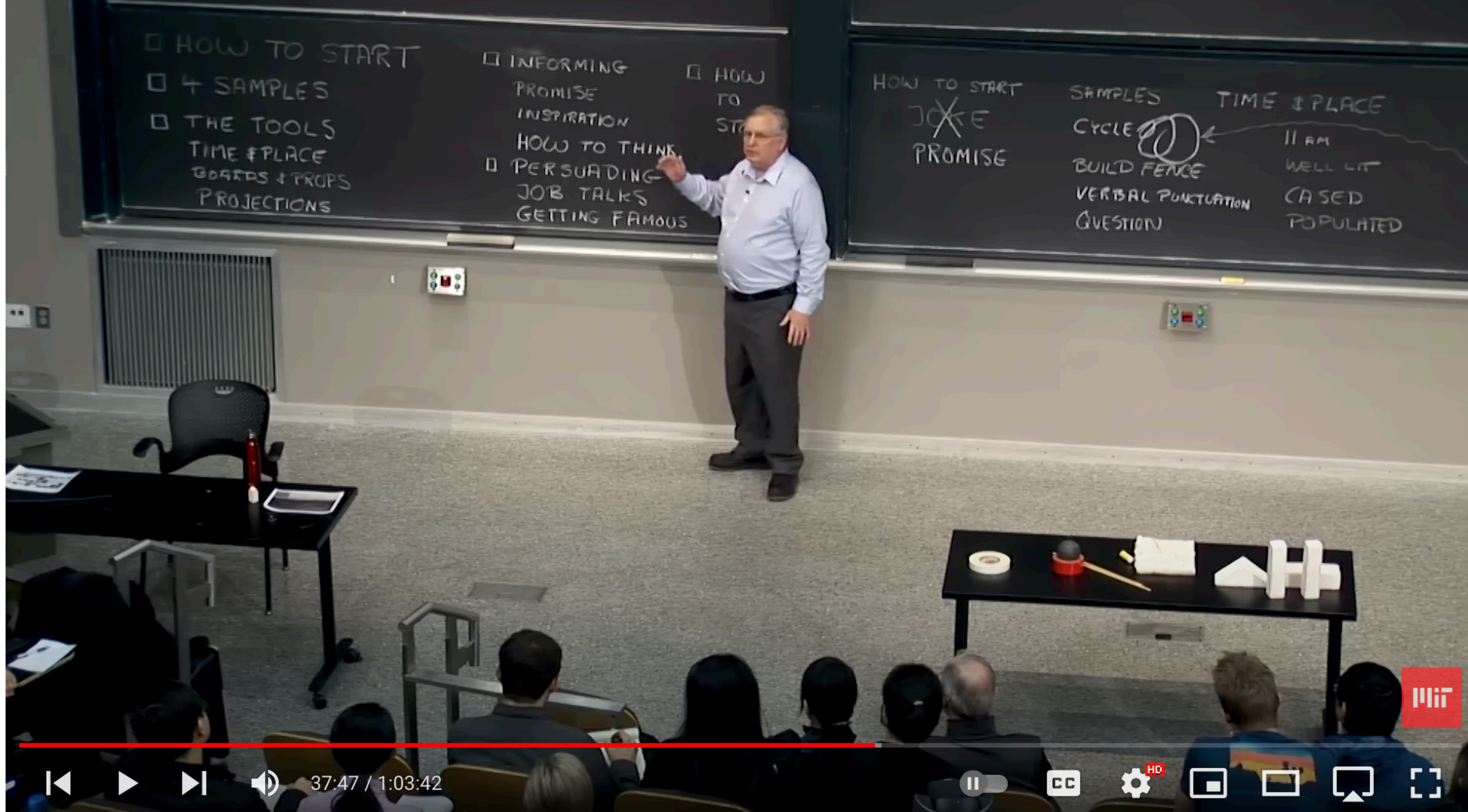
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- Wait 7s for a response

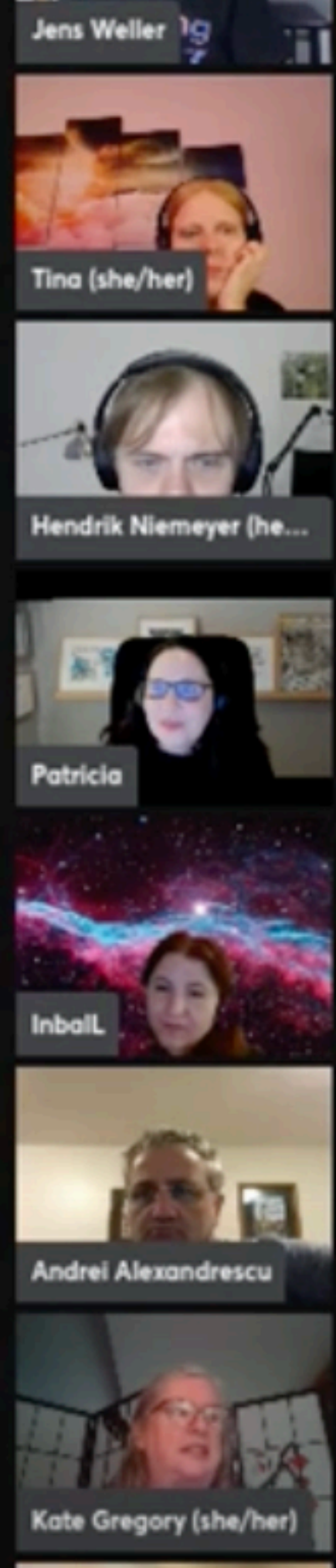
Ask Questions along the way:

- To get people back on track
- Focus/engage the audience
- Not trivial Q, not hard Q
- Wait 7s for a response
- Reward engagement



Patrick Winston's How to Speak

youtube.com/watch?v=Unzc731iCUY



How to End a Talk

Kate Gregory

@gregcons

www.gregcons.com/kateblog

youtu.be/rHWG9XBko0I?si=L20rX5P15Dt_IMo1

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