Education session

Fab 8. Wellington

- Formal Education K-12 (Nick di Giorgio, Jeff McClellan(video), Frosti Gislason (video))
- Professional development (Pieter Tolmay, Nick Digiorgio (video), Arielle Blonder)
- Education Research: The FabLab@School project: fablabs in schools and measurable impact (Paulo Blikstein (video) or student from Standford)
- Informal education, Workshops to general public (Katie Rast, Rabiah Mayas)
- Fab Academy (Tomas Diez, Anna Kaziunas France)
- Applied research thesis (Tomas Diez, Areti Markopoulou)
- Connecting Fab Labs with educational practices (TBA)
- GIST (Lass)

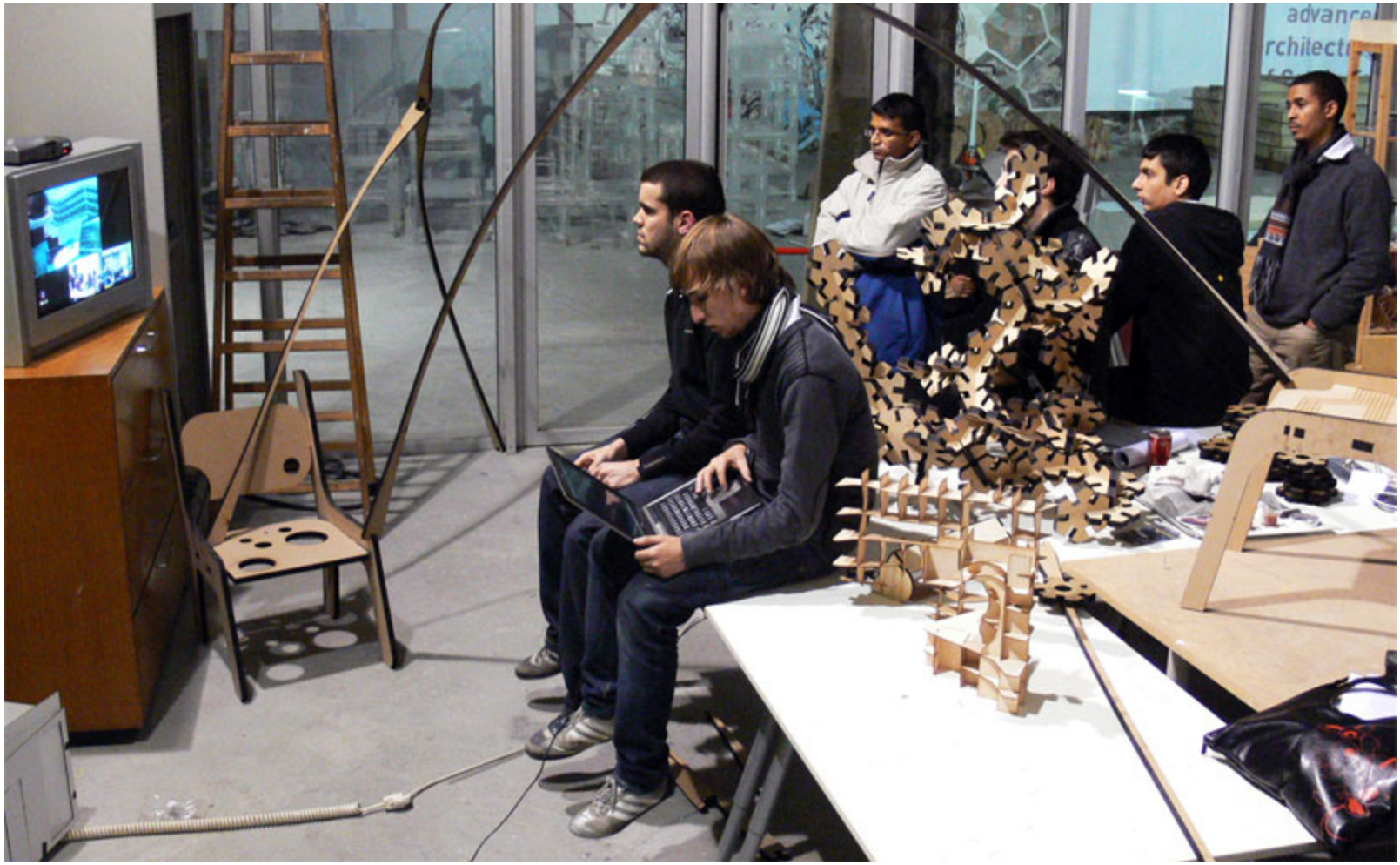
Fab Academy

Past and future

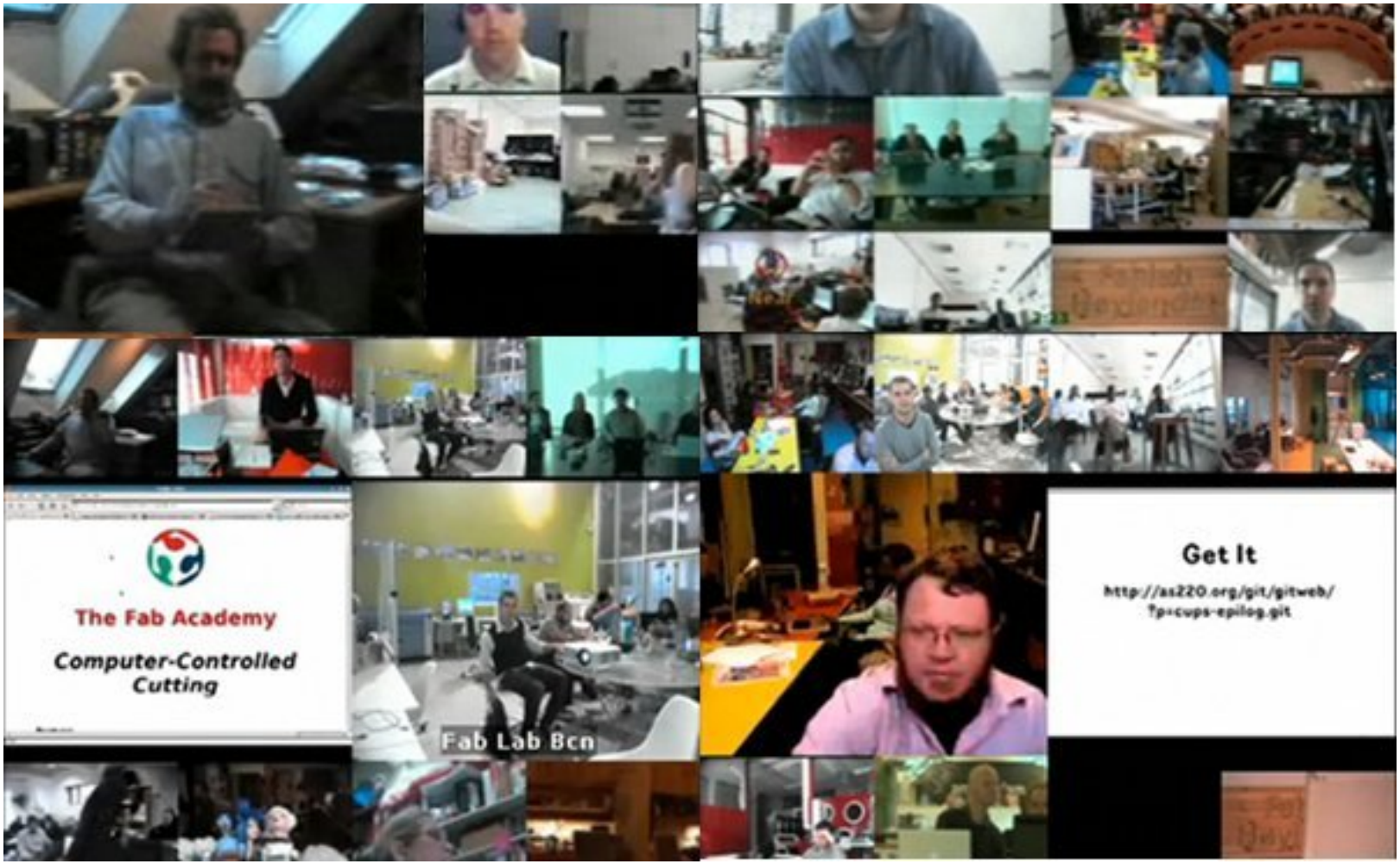
vive soy

Started 2008 - Remote version of How To make Almost Anything

- ~ 4 people from Barcelona, Amsterdam, Norway



2009-10 - First global experience. 8 Labs participated ~60 applications. ~35 started. ~12 graduated



2011 - First time 6 month curriculum. 15 labs. ~80 applications. ~40 started. ~15 graduated

2012 - Supernode structure. 21 labs, 7 Super Nodes.
~120 applications. ~70 started. ~30 graduating

Challenges

- Inventory and supply chain
- Supernode Structure
- Evaluation
- Online platforms / interfaces
- Videconference capacity
- Extended curriculum (Thesis, Fab Academy Pro)
- Applied research
- Accreditation (Regional, Local)
- Applications Open
- Minimum requirements to participate: Internet, machines, computers, inventory

Next

- Continue Super Node structure for supporting new labs. Max 15 students
- Distributed evaluation, distributed professors
- Minimum requirements to participate: Internet, machines, computers, inventory
- Weekly global sessions with tutors and gurs
- Reading list and resources for students
- Survey for feedback
- Remote tutoring through email
- Scaling up videconference system
- Applied research and Fab Academy Pro
- Accreditation (Regional, Local)
- Applications Open!