

ENGAGEMENT IN MOBILE MUSIC

Ben Swift

Assoc. Prof. Henry Gardner
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ABOUT ME

- Canberra born & raised
- ANU Undergrad - Maths
- Now PhD student in Computer Science
- Creative interests
 - Bassist in indie bands who take themselves too seriously
 - Live coding - see vimeo.com/benswift
 - Engagement/flow in music



MUSICAL ENGAGEMENT

- Can you recall a jam or a show where you really *felt* the music?
- Did the others in the band feel it too?
- Flow (Csíkszentmihályi)
- *Group engagement* (Bryan-Kinns, Sawyer, Monson...)

MOBILE MUSICAL CREATIVITY

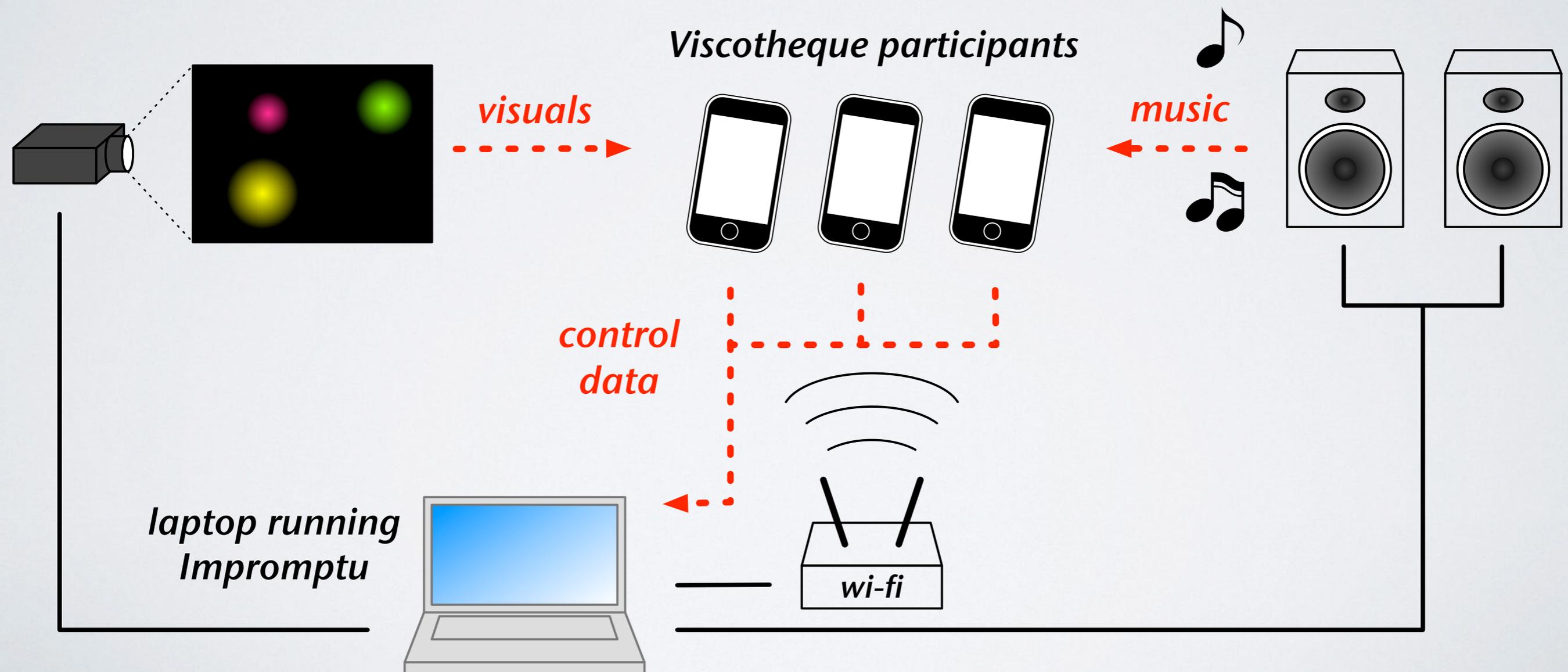


MOBILE MUSICAL CREATIVITY

- Mobile devices *are* being used for group music-making
- Hundreds of different music apps available
 - Some inspired by existing musical instruments
 - Others designed from scratch
- Can they offer that same engagement, flow, *feeling* I mentioned before?

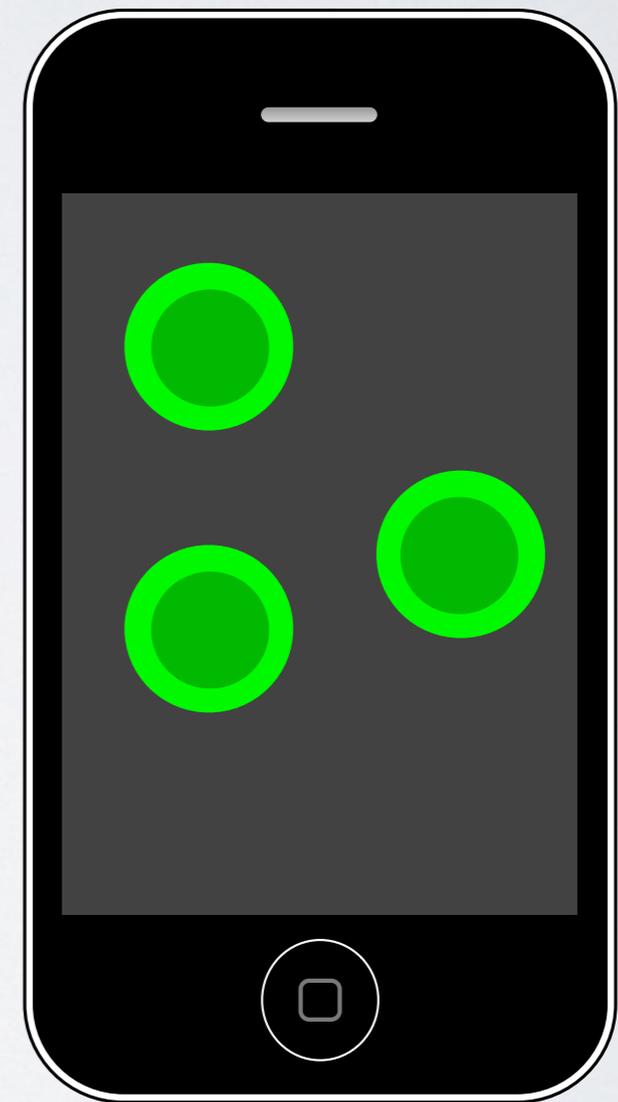
VISCOTHEQUE

- Custom-built group music environment



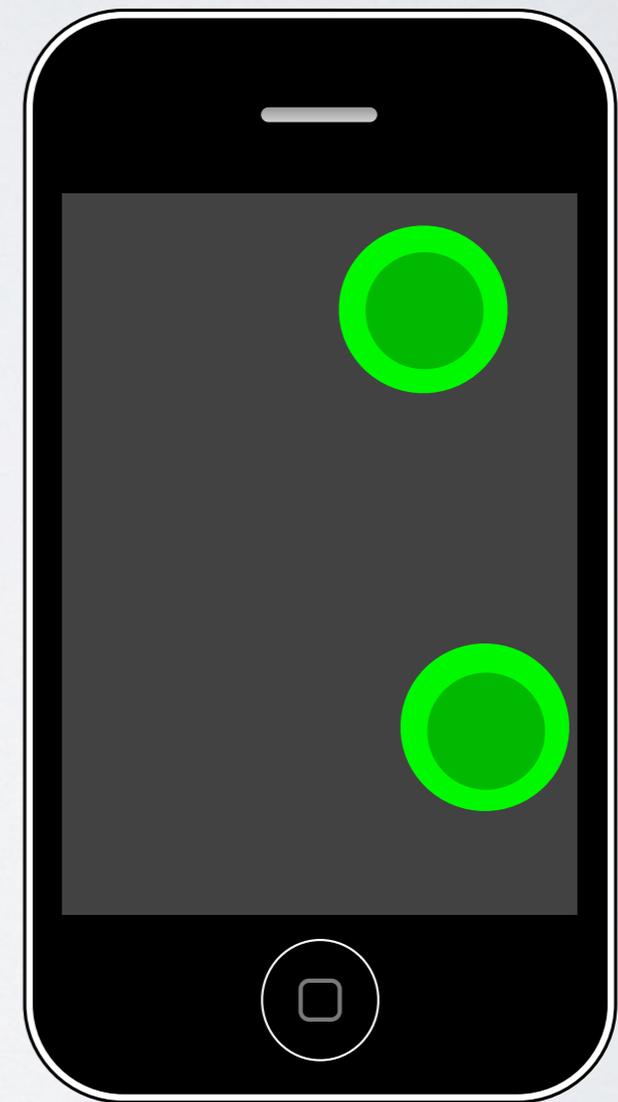
VISCOTHEQUE APP

- Sample manipulation
 - Pitch shifting, time-stretching, filtering
- Synthesis
 - ADSR, waveform morphing, filtering



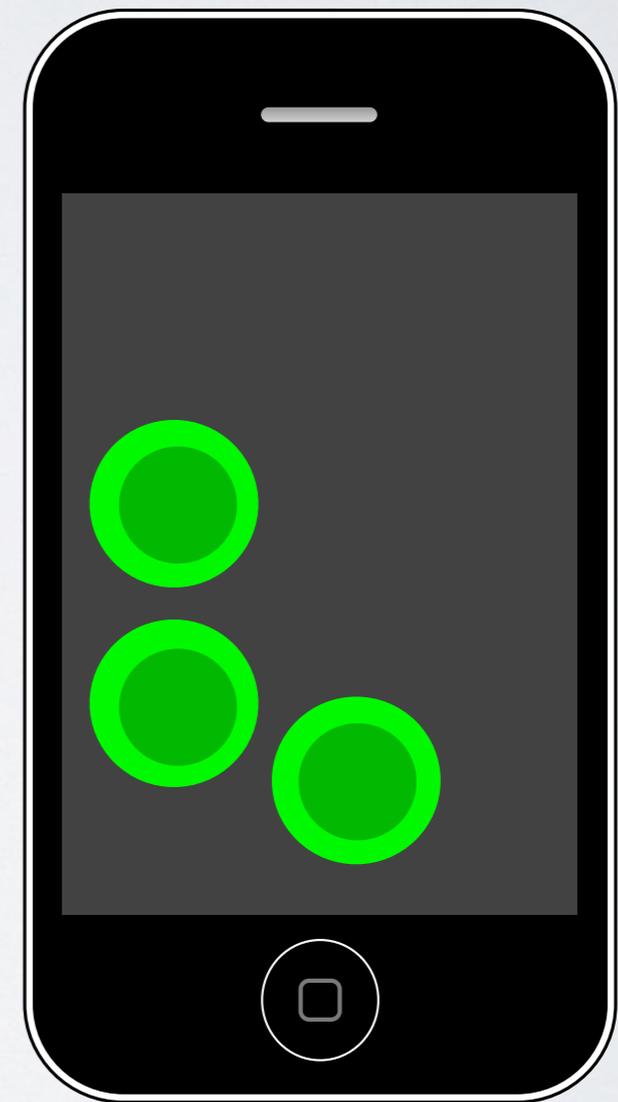
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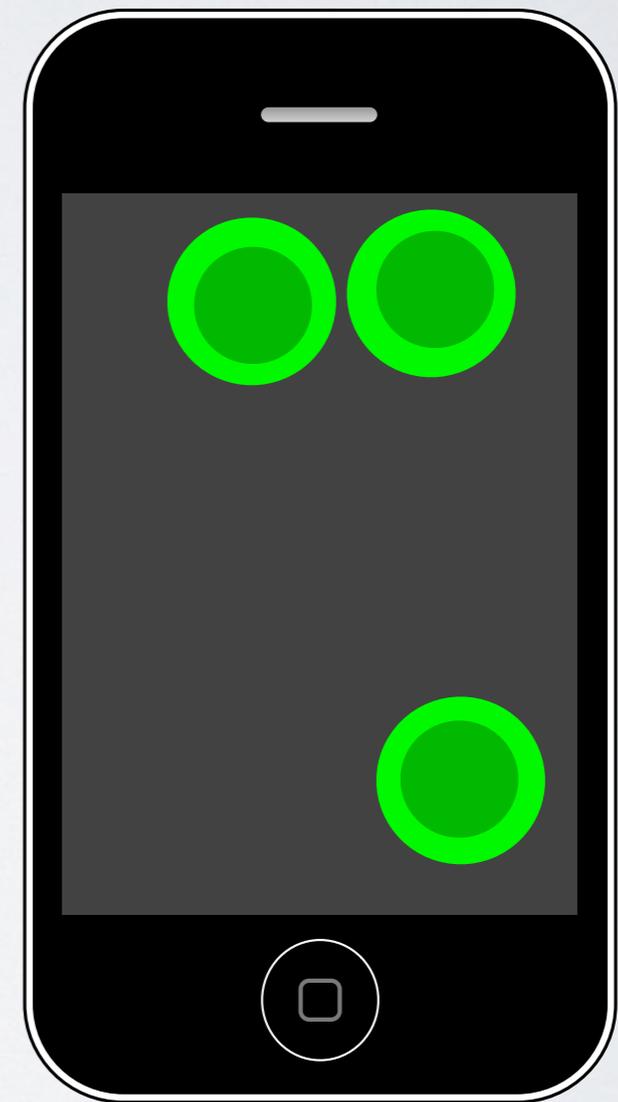
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DEMO

EXPERIMENTS

- Participants needed over the next two months
- What you'll get to do
 - Jam in groups of 3 with the Viscotheque system
 - Participate in a group interview afterwards
 - 4 sessions, each session ~ 1 hr long - times & dates flexible!
 - No iPhone/iPod Touch required - we'll provide one

WHAT'S IN IT FOR YOU?

- Free movie tickets
- Chance to be creative, make music - no expertise required
- Chance to participate in real research
- Sign up:
 - see me after this talk!
 - email me at ben.swift@anu.edu.au

SUMMARY

- I've built a cool mobile music tool
- I need people to come and mess around, find their voice & *engage* with it
- Commitment: 4 x 1hr sessions, in groups of 3 (bring 2 mates!)
- You'd be a chump to miss out

CHEERS

To sign up: ben.swift@anu.edu.au

C'mon, it'll be fun.