

Dr Oliver Searle

*Overcoming Challenge with Creativity*



Royal Conservatoire  
*of* Scotland



- ‘...to transform people’s lives through the power of music.’

[www.drakemusicscotland.org](http://www.drakemusicscotland.org)

- Music for the Deaf / Cochlear Implants...
- MED-EL
- *The Farmer's Cheese*



# *Technophonia*

- PRS 20x12 New Music Award
- [www.drakemusicscotland.org](http://www.drakemusicscotland.org)
- City of Edinburgh Music School



# ***Technophonia***





# *Soundbeam*



# *Skoog*



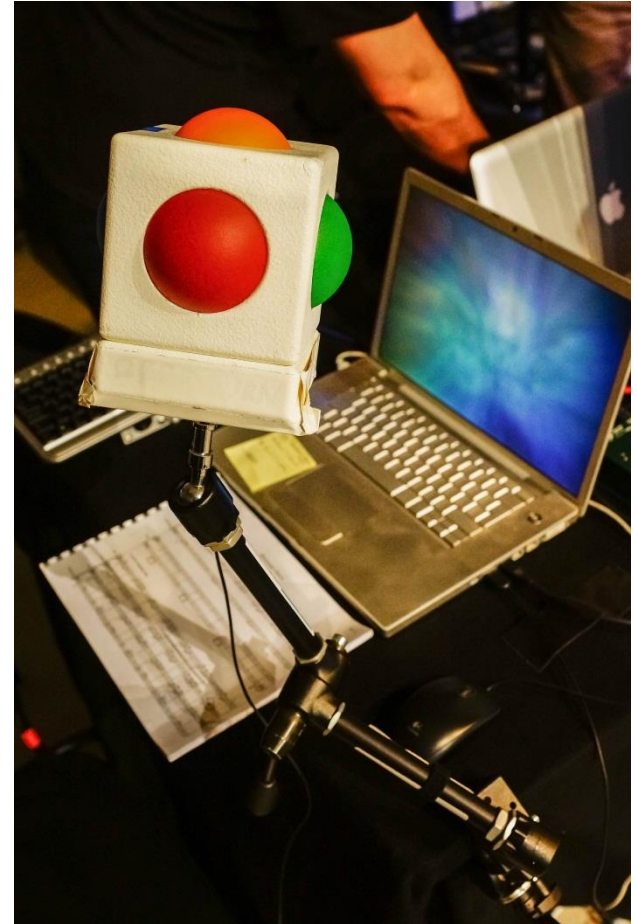
# Brainfingers (*Notion* software)

The screenshot displays the Notion music notation software interface. The top menu bar includes the word "NOTION", a toolbar with various icons (including a person icon, a pencil, a play button, a red circle, a zoom icon, a location pin, and a timer showing 00:02:47:00), and a piano keyboard icon. Below the menu bar is a timeline with measures numbered 1 through 18. The score is written for four instruments: Horn (Hn.), Trumpet (Trb.), Tuba, and Harp. The key signature is B-flat major (two flats) and the time signature is 4/4. The tempo is marked as quarter note = 60. The score includes dynamic markings such as *p* (piano), *mf* (mezzo-forte), and *mp* (mezzo-piano). The Horn part features a melodic line with a trill marked #8. The Trumpet and Tuba parts provide harmonic support with sustained notes and some movement. The Harp part consists of a steady eighth-note accompaniment. The bottom of the screen shows a toolbar with various musical notation symbols and a "Hn. Techniques" button.



# *Microscopic Dances*

- Clandestine Waltz 
- Secluded Charleston 
- Secret Cakewalk 
- Atomic Jive 
- Portable Polka 
- Invisible Fandango 
- Veiled Sarabande 
- Concealed Reel 



# ***Microscopic Dances 2017***

- Edinburgh Festival Fringe, August 2017
- DMS Digital Orchestra and NYOS



- Leader of ensemble
- Flexibility of tempo and metre





- Integration of digital instruments into larger ensemble
- Roles of instruments and how they might change over time





- Instrumentalists having more control over duration and direction of musical material



- NYOS Musicians (12): Flute, Saxophone, Bassoon, Horn in F, Trumpet in Bb, 2 Percussion, 2 Violins, Viola, 'Cello, Double Bass
- Digital Orchestra: (10 players) Keyboards, iPads, Notion, Handsonic, Drumkit, Percussion, Voice
- **Thumbjam**



# ***Microscopic Dances***

- *Jimp Jitterbug*

<https://www.youtube.com/watch?v=8QcJzameeBU>

- *Infinitesimal Tango*
- *Peerie Passacaglia*

# *Microscopic Dances*

- *Molecular Hornpipe*
- *Minuscule Mosh*
- *Skiddlie Jig*





# Composing and Creative Music Making with Drake Music Scotland





## A group of students and a teacher are in a music room. In the foreground, a young woman with long blonde hair, wearing a white sweater with a red and black geometric pattern, sits at a desk and looks towards the camera. Next to her, a young man in a red t-shirt with 'FIGURENORTH' and a maple leaf logo on the back is seen from the side. In the background, several other students are present: a woman in a plaid shirt plays a violin, a man in a grey hoodie sits next to her, a woman in a black top plays a saxophone, and a man in a blue shirt plays a flute. A teacher, a woman in a light-colored blazer, stands in the background with her arms crossed. The room has a wooden door, a blackboard, and various musical equipment on the desk.







OLIVER IREDALE SEARLE:  
CLANDESTINE WALTZ (SKOOG)

Composed by: Oliver Iredale Searle



On the Notes Tab in the Skoogmusic software, open the notes file: [ClandestineWaltz](#)

1...2...3... (x9)

Bar 1-9: Rests (27 Beats)



Bar 10: Play all 5 sides very quickly for 3 beats

1...2...3... (x9)

Bar 11-20: Rests (27 Beats)



Bar 20: Play all 5 sides very quickly for 3 beats

1...2...3...4...5...6...

Bar 21

Bar 22

1...2...3...

Bar 23: Rests (3 Beats)

1...2...3...4...5...6...

Bar 24

Bar 25

1...2...3...4...5...6...

Bar 26

Bar 27

1...2...3...4...5...6...

Bar 28

Bar 29

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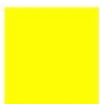
KEYS



Press RED once



Press BLUE once



Press YELLOW once



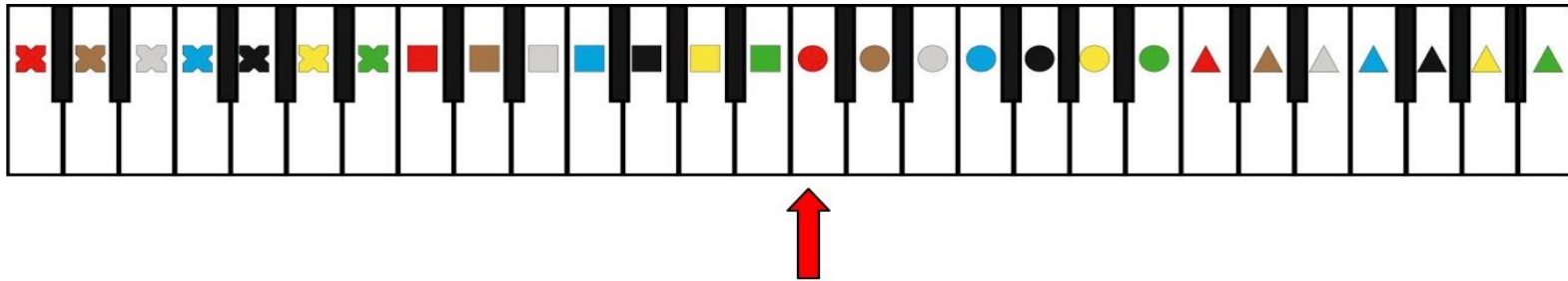
Press GREEN once



Press ORANGE once



# Figurenotes



AULD LANG SYNE

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bar

# ***Composing and Creative Music Making***

- **ASN** (Additional Support Needs)
- **Composition/Improvisation**



# Technologies





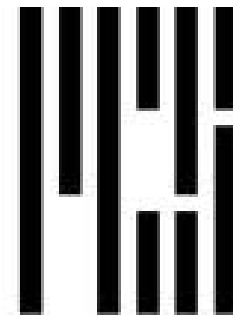




*You draw a line to exclude me, and I'll draw a circle to include you.*

(Morton Feldman; *Essays*)

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