

# Huddersfield Experimental Laptop Orchestra

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Sonic Arts Forum  
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# Introduction

- Established September 2008
- Part of Popular Music Directed Ensemble Module
- Made up of 2nd and 3rd Year Students
- Heterogeneous Hardware and Software environment

# Practical Requirements

- User Laptop and Chosen Software
- Limit of two 13A mains plugs
- Single Guitar Amplifier per player
- Default Curved Arch

# HELO and Edges 2009



Scott Hewitt 2009

# Rehearsal Strategies

- 1 Hour Weekly Rehearsal
  - 15 min setup
  - 15 min exercise based on improving listening
  - 30 min directed to compositions
- Individual player rehearsal

# Performances

- HCMF Revolutionaries (Nov 2008)
- GEM days Laptop Music (Jan 2009)
- HELO and Edges Ensemble (May 2009)

Recordings available online @  
[www.ablelemon.co.uk/helo](http://www.ablelemon.co.uk/helo)

# Outcome Player Development

- Improved Player Skill
- Competency on software
- Development of ensemble playing skills
- Compositional approaches

# Outcome Ensemble Exposure

- Increased awareness
- Opportunities for wider participation



# Outcome Rehearsal Approaches

- Methods of Direction
- Rehearsal Exercises

# Outcome Composition Strategies

- Text Score
- Online Text score
- Graphical Score (limited success)
- Directed Improvisation
- Application / Code Score

# Ongoing Experiments

- Live Coding Direction
- Live Instrument Collaboration
- Compositional Techniques

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