ISSTC 2014
AUDIO FABRIC: SOCIO-SONIC TEXTURES IN THE REAL WORLD
The fourth annual Irish Sound, Science and Technology Convocation
August 28-29, 2014, National University Ireland, Maynooth
### AUGUST 28, DAY 1

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
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<td>08:30</td>
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| 09:00 | **PAPER SESSION 1:**  
SOUND PROCESSING IN TIME, FREQUENCY, AND SPACE  
Tony Doyle, “Experiment to Evaluate the Implementation of Spatial Extent with Spectral Spatialisation”  
Qingyi Ni, Bob Lawlor and Yuhang Ye, “Vibrato and Tremolo Synthesis Toolbox for Music Processing”  
Thomas Lysaght, Joseph Timoney and Stephen Brown, “An Approach to Mixed-Phase Synthesis from Modal distribution for musical instrument tones” |
| 10:20 | Questions                                                              |
| 10:30 | Coffee                                                                 |
| 10:50 | **PAPER SESSION 2:**  
SOUND AND NOISE INTERTWINED  
Culann McCabe (Rocudo), A Review of a Generation of Audio Technology Change in Business  
Yvette Jackson, “Soundscape (as) Composition: An Ecological Approach to Listening”  
Ulf A. S. Holbrook, “Invocation of the Equivocation: Towards an understanding of noise” |
| 12:00 | Questions                                                              |
| 12:30 | Lunch                                                                  |
| 13:30 | **WORKSHOP 1:**  
FOLEY WORKSHOP: JEAN MCGRATH, CAOMHÉ DOYLE  
Part 1: Introduction to Foley and Film Sound, Q&A  
Part 2: Practical Foley Performance and Recording Session  
Part 3: Foley Recording Techniques, Equipment and Final Mix, Q&A |
| 15:30 | Coffee                                                                 |
| 16:00 | **KEYNOTE:**  
GUDMUNDUR STEINN GUNNARSSON |
| 17:00 | Reception                                                              |
| 18:30 | ARTWALK                                                                |
| 20:00 | **CONCERT 1**  
Patrick McGlynn – OscTar (5’)  
Stephen Roddy – Idle Hands (12’)  
Fergal Dowling – Manchester Material (4’)  
Hoyong Lee – Mirage (6’)  
Massimo Davi & Monica Mucci – Portas do Sol (8’)  
Rosalia Soria Luz – Superposition of Two Opposites (8’)  
Dafydd Roberts – Entelekhiea (7’) |

### AUGUST 29, DAY 2

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<tr>
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| 09:00 | **WORKSHOP 2:**  
SPATIAL AUDIO, TONY DOYLE  
Part 1: Theory & Audio demonstrations  
Part 2: Practical – Introduction to a spatial application with hands-on group composition |
| 11:00 | Coffee                                                                 |
| 11:30 | **POSTER SESSION**  
Jacqueline Walker |
| 12:30 | **KEYNOTE:**  
 JacqueLINE WaLker |
| 13:30 | Lunch                                                                  |
| 14:30 | **PAPER SESSION 3a:**  
COMPOSING SOUND FOR MUSIC AND PERFORMANCE  
Dafydd Roberts, “Born out of Chaos – Composing Cybernetic music”  
Robin Parmar, “Field Recording: Phonography and the Creation of Place” |
| 15:10 | **PAPER SESSION 3b:**  
PROGRAMMING SOUND  
Edward Costello, Steven Yi, Victor Lazzarini and Joseph Timoney, “CsoundEmscripten: An Audio Software API for the Web”  
Liam o’Sullivan, “A Picture Paints a Thousand Sounds; Visual Content in Computer Music Interfaces” |
| 15:50 | Questions                                                              |
| 16:00 | Coffee                                                                 |
| 16:30 | ISSTA Annual General Meeting                                           |
| 18:00 | Dinner                                                                 |
| 19:30 | **CONCERT 2**  
Maximilian Yip – Karen (5’)  
Cormac Crawley – Filtered & Blended (12’)  
Roberto Zanata – Nero Metropolitano (5’)  
Mari Ohno – floating sound (9’)  
Michele del Prete – Selva di varie intonazioni (7’)  
Hugh McCarthy – Ave Tarrega (5’)  
Ayako Sato – sen no kaikou (10’)  
Bryan Robson – Games (7’) |
This year’s Convocation examines the social impact of sound in the real world: natural soundscapes, music, technological sounds, mediated sounds, spaces, places and sites. Technology cannot be divorced from the interconnections with cultural output, social practice and aesthetics. We seek to contextualise all sound-making and its sciences and technologies. What is the societal impact of our artistic and technical practice with sound? How does our research and practice impact the wider community? Finally, given that our practice is, for the most part, financed by public funding, what is it that we are giving back?

Keynote speakers
Dr Jacqueline Walker, University of Limerick

ISSTA board of officers
Kerry Hagan President
Tony Langlois Vice-President
Linda O Keeffe Secretary
Giuseppe Torre Treasurer

Organising Committee
Kerry Hagan (President, ISSTA)
Tony Langlois (Chair of Workshops)
Victor Lazzarini (Co-chair of Music)
Ryan Molloy (Co-chair of Music)
Linda O’Keeffe (Chair of Sound Art/Installations)
Joe Timoney (Chair of Papers)
Giuseppe Torre (Treasurer, ISSTA)