

CONFERENCE PROGRAMME (provisional)

MUSIC AND NUMBERS

Friday 14 May 2010

8:30 - 12:00 2:15 - 4:00	<b>Registration (Lg21 - Laud Building)</b>		
10:15	<b>Welcome (Lg16 - Laud Building)</b>		
10:30-12:00	<b>Room: Lg16</b>	<b>Room: Lg27</b>	<b>Room: Lg26</b>
	<b>Session 1</b> Chair: Ivor Grattan-Guinness	<b>Session 2</b> Chair: Anton Vishio	<b>Session 3</b> Chair: Richard Glover
10:30-11:00	Philip Maher 'Music and? mathematics'	Richard Dumbrill 'Mesopotamian origins of heptatonism'	Jonathan Pitkin 'Raising expectations: patterns, predictability and deferring the inevitable'
11:00-11:30	James Wright 'Wittgenstein's conception of mathematical "scaffolding" and problems of formalism in post-tonal theory and composition'	Anton Luiten '7 Up: The case of the returning interval'	Dorothy Ker 'Music, number and space'
11:30-12:00	Nikita Braguinski 'Eduard Grell's systems of just intonation: Nature vs. technology?'	Izabela Bogdan 'Fuga musicalis mathematica: This is how to solve a mathematical-musical puzzle and transform numbers into notes'	Michael Young 'Interplay: feature spaces in human-computer improvisation'
12:00	<b>Lunch in the Blue Room, SCR</b>		
1:15-2:15	<b>Lunchtime concert at St. Gregory's Centre for Music</b> UK Conservatoires composers' concert - <i>A Day of Premières</i>		
	<b>Room: Lg16</b>		
2:30-3:30	<b>Keynote address</b> (Chair: Douglas Jarman)  <b>Dr Ruth Tatlow</b> 'Between a rock and a hard place: the problems and possibilities of research into number and music'		
3:30-4:00	Coffee break in Lg21		

4:00-5:30	Room: Lg16	Room: Lg27	Room: Lg26
	<b>Session 4</b> Chair: Stephen Cottrell	<b>Session 5</b> Chair: Roy Howat	<b>Session 6</b> Chair: Michael Young
4:00-4:30	Christopher Mark 'Calculating effect: Roger Smalley and the Fibonacci series'	Michelle Phillips 'The Golden Section: Seen but not heard?'	Richard Hoadley and Tom Hall 'Towards embodied control of algorithmic music'
4:30-5:00	William Lake '7 and 13 (and other prime numbers): George Crumb's numerology and proportional schemes in <i>Black Angels</i> '	Bonny Miller 'Sounding the soul in Schoenberg's <i>Herzgewächse</i> '	Pete McAllister and Mark Gotham 'Towards a method for algorithmic segmentation'
5:00-5:30	Blair Johnston 'Magical numbers, the God-Devil polarity and harmonic-structural synthesis in George Crumb's <i>Black Angels</i> '	Mark Delaere 'The number 7 as representation of perfection in Karel Goeyvaerts's music'	
5:30-7:00	<b>Drinks Reception</b> at St. Gregory's Centre for Music (co-sponsored by the CCCU Department of Music and the Institute of Musical Research)		
7:30	<b>Evening concert</b> in Canterbury Cathedral <i>A Tribute to Mahler</i> City of Birmingham Symphony Orchestra Chamber Players Mezzo soprano: Karen Cargill; Tenor: Brian Cefai Claude Debussy, <i>Prélude à l'après-midi d'un Faune</i> (arr. Sachs) Arnold Schoenberg, <i>Verklärte Nacht</i> Gustav Mahler, <i>Das Lied von der Erde</i> (arr. Schoenberg/Riehn)		

**Saturday 15 May 2010**

8:30 - 12:00 2:15 - 3:30	<b>Registration (Lg21 - Laud Building)</b>		
9:00-10:30	<b>Room: Lg16</b>	<b>Room: Lg27</b>	<b>Room: Lg26</b>
	<b>Session 7</b> Chair: James Wright	<b>Session 8</b> Chair: Richard Hoadley	<b>Session 9</b> Chair: Dorothy Ker
9:00-9:30	Georgia Tserpe 'The number 3 as an element of background structure and meaning in Christos Samaras's "Three Songs"'	Richard Glover 'The use of numerals in experimental notation'	Tomasz Kienik 'Teacher and composer surrounded by ideas of music and numbers'
9:30-10:00	Michael Rofe 'Nested proportions in the symphonies of Dmitri Shostakovich'	Anton Vishio 'The rhythm of queninas: Number and order in musical dialogue'	Nicholas Peters 'Block durations in my recent music: questions of proportion'
10:00-10:30	Alicja Jarzębska 'Proportion and numbers in Stravinsky's dodecaphonic compositions'	Henrik Ekeus 'Exploring and composing with difference tones; the creation of "One Half Step"'	Stace Constantinou 'The application of "Fibonacci" and "prime number" sequences in music composition'
10:30-11:00	Coffee break in Lg21		
11:00-12:00	<b>Keynote address</b> (Chair: Ruth Tatlow)		
	<b>Roy Howat</b> 'Practical aesthetics of musical numbers and proportions'		
12:00	Lunch in the Food Hall, SCR		
1:15-2:15	<b>Lunchtime concert</b> at St. Gregory's Centre for Music <i>Seven Haiku - a piano recital</i> Piano: Eliza McCarthy		
2:30-3:30	<b>Room: Lg16</b>		
	<b>Keynote address</b> (Chair: Roderick Watkins)		
	<b>Professor Douglas Jarman</b> 'Musemathematics and the shining seven'		
3:30-4:00	Coffee break in Lg21		

4:00-5:30	<b>Room: Lg16</b> <b>Session 10</b> Chair: William Lake	<b>Room: Lg27</b> <b>Session 11</b> Chair: Pete McAllister	<b>Room: Lg26</b> <b>Session 12</b> Chair: Christopher Mark
4:00-4:30	Regina Chłopicka 'Numerical inspirations in the music of Krzysztof Penderecki'	Bernard Gates 'Multiplicative transformational cycles in Berg's Op.2 and Op.5'	Christian Berger 'Josquin's <i>Ave Maria</i> in the focus of numbers'
4:30-5:00	Wai-Ling Cheong 'Playing with numbers: Messiaen's coordinates of linear and vertical sequences'	Tom Hall 'Twelve-tone time: analytical and compositional applications of Babbitt's time-point series system using custom software'	Alon Schab 'Purcell's early experimental forms: Lists, cycles and numbers'
5:00-5:30	Michael Chandler '8 is the new 7: The symbolic representation of the "eighth day" in Messiaen's <i>Quartet for the End of Time</i> '	Brenda Ravenscroft 'Beyond the numbers: Rhythmic structure and expression in Elliott Carter's vocal music'	Ivor Grattan-Guinness 'Why 18? Masonic numerology in Brother Mozart's music'
5:30-7:00	<b>Drinks Reception</b> in 'Touchdown' Laud Building (co-sponsored by the CCCU Department of Music and <i>Sounds New Music Festival</i> )		
7:30	<b>Evening concert</b> at St. Gregory's Centre for Music <i>The Number 7: The Creation and the Apocalypse</i> Ossian Ensemble Part 1 - CREATION LIGHT Peter Maxwell Davies <i>7 Brightnesses</i> THE HEAVENS Jonathan Harvey <i>Quantumplation</i> THE LAND AND THE SEA Bent Sørensen <i>The Deserted Churchyards</i> THE HEAVENLY BODIES Patrick Nunn <i>Music of the Firmament</i> FISH AND BIRDS Anne Boyd <i>Goldfish through Summer Rain</i> ANIMALS AND MAN Darren Bloom <i>Eden</i> (World Première) DAY OF REST Bryn Harrison <i>...a leaf falls on loneliness</i> (World Première)  Part 2 - APOCALYPSE Olivier Messiaen <i>Dance of Fury for the 7 Trumpets</i> (from <i>Quartet for the End of Time</i> ) Peter Maxwell Davies <i>Antechrist</i> Peter Maxwell Davies <i>Missa Super l'Homme Armé</i>		