

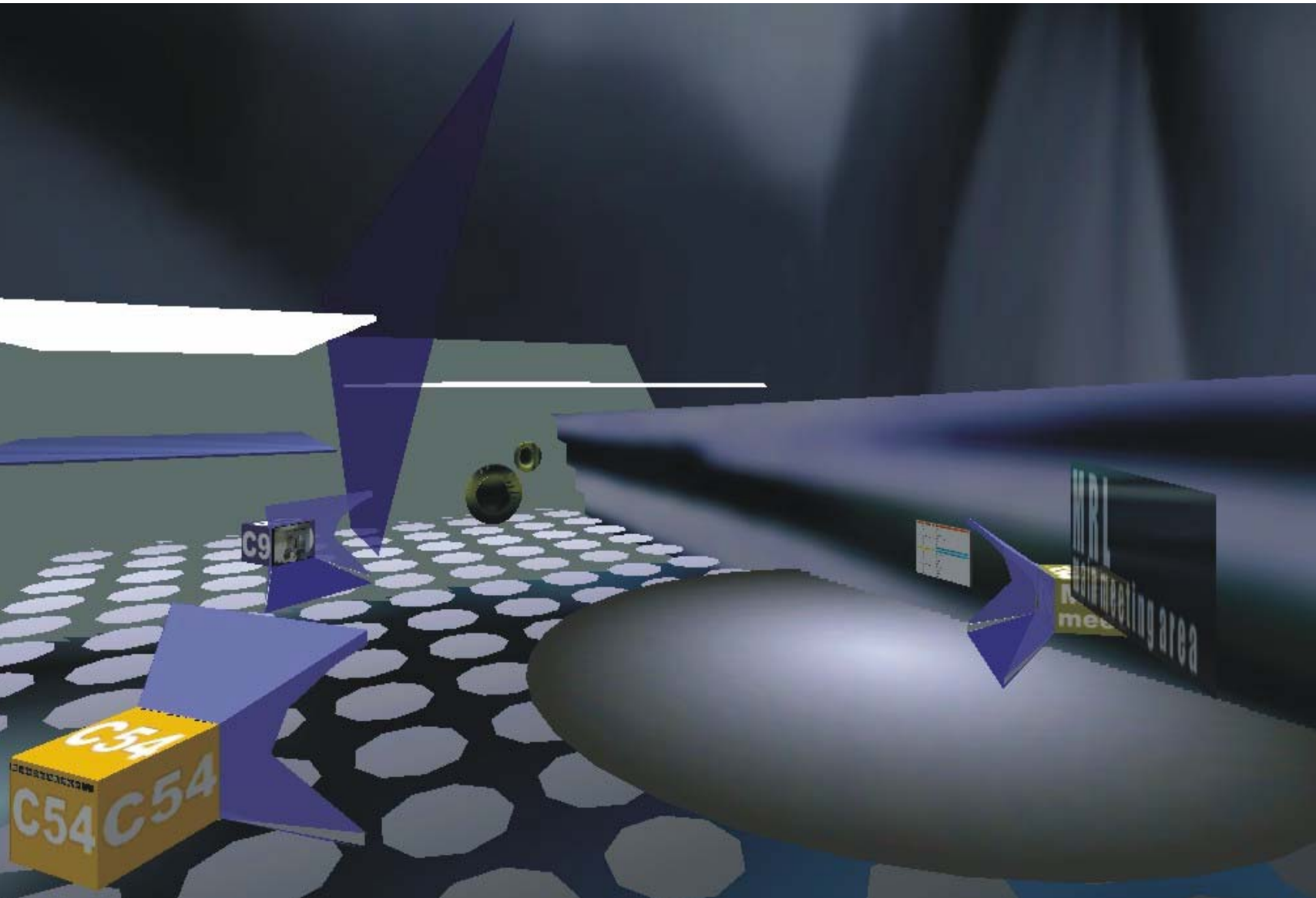
Mixed Reality Architecture

Data collection and analysis

Holger Schnädelbach
PhD at Bartlett, UCL and MRL, Nottingham
Supervisor: Alan Penn

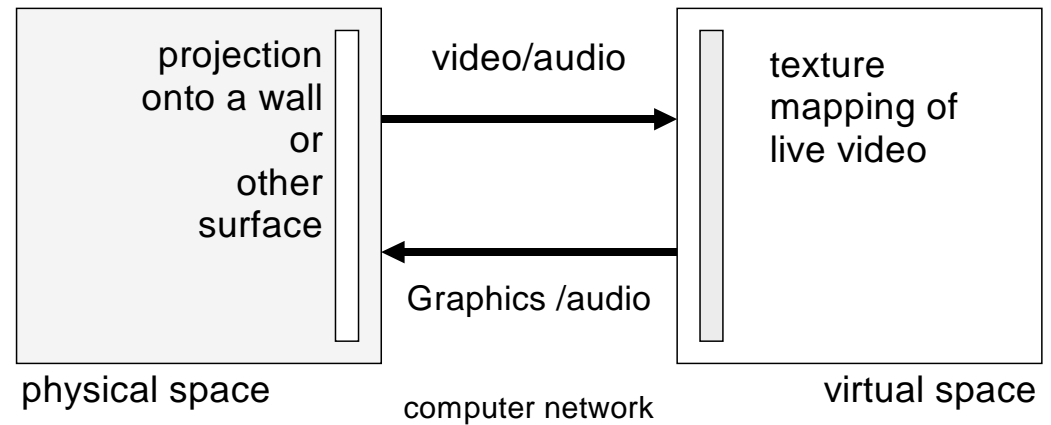
Shared Collaborative Virtual Environment

A number of physical spaces dynamically linked across the same virtual space



Mixed Reality Boundaries

Joining physical and virtual spaces by creating a transparent window between them

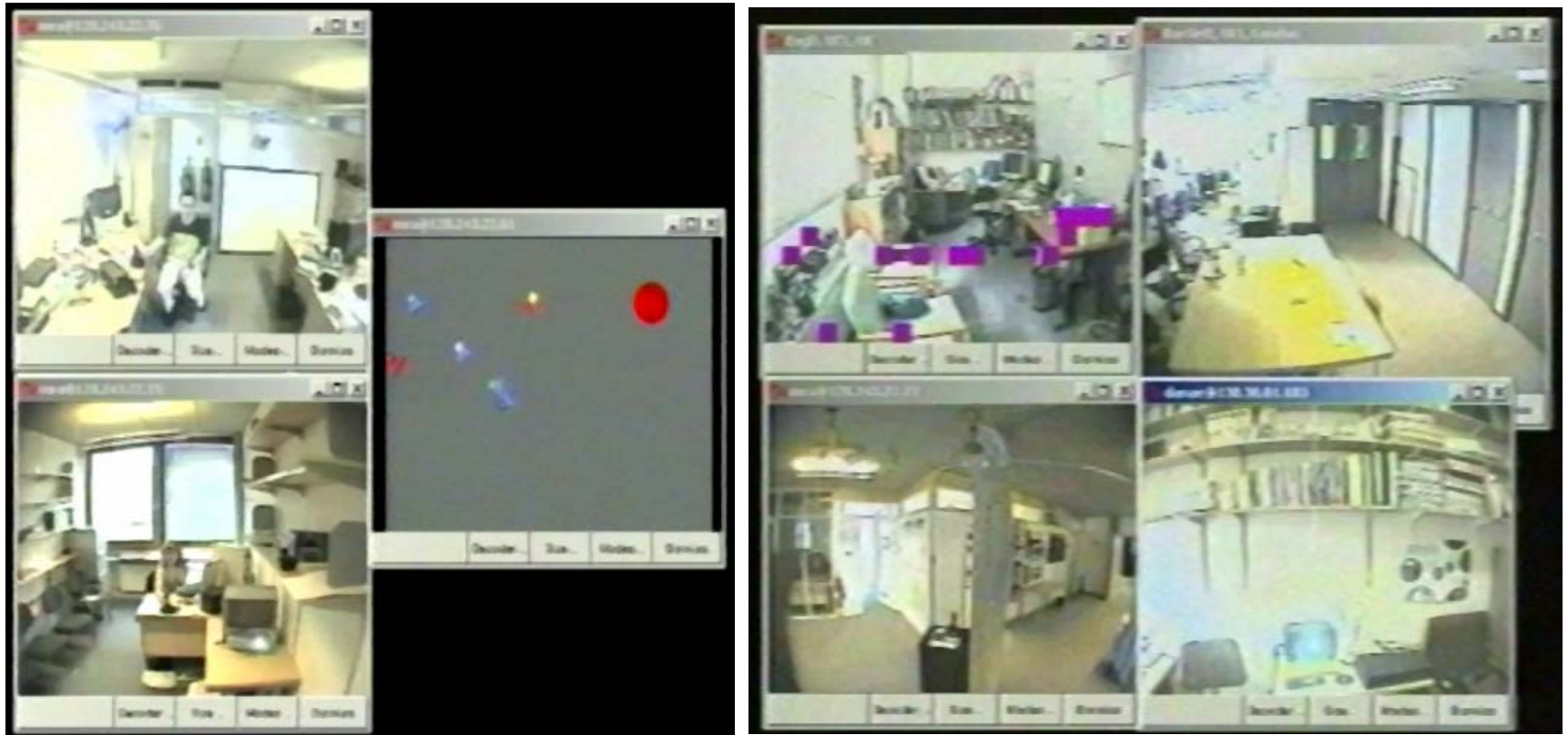


Technology that has been used for the implementation of MRA

Using MRA



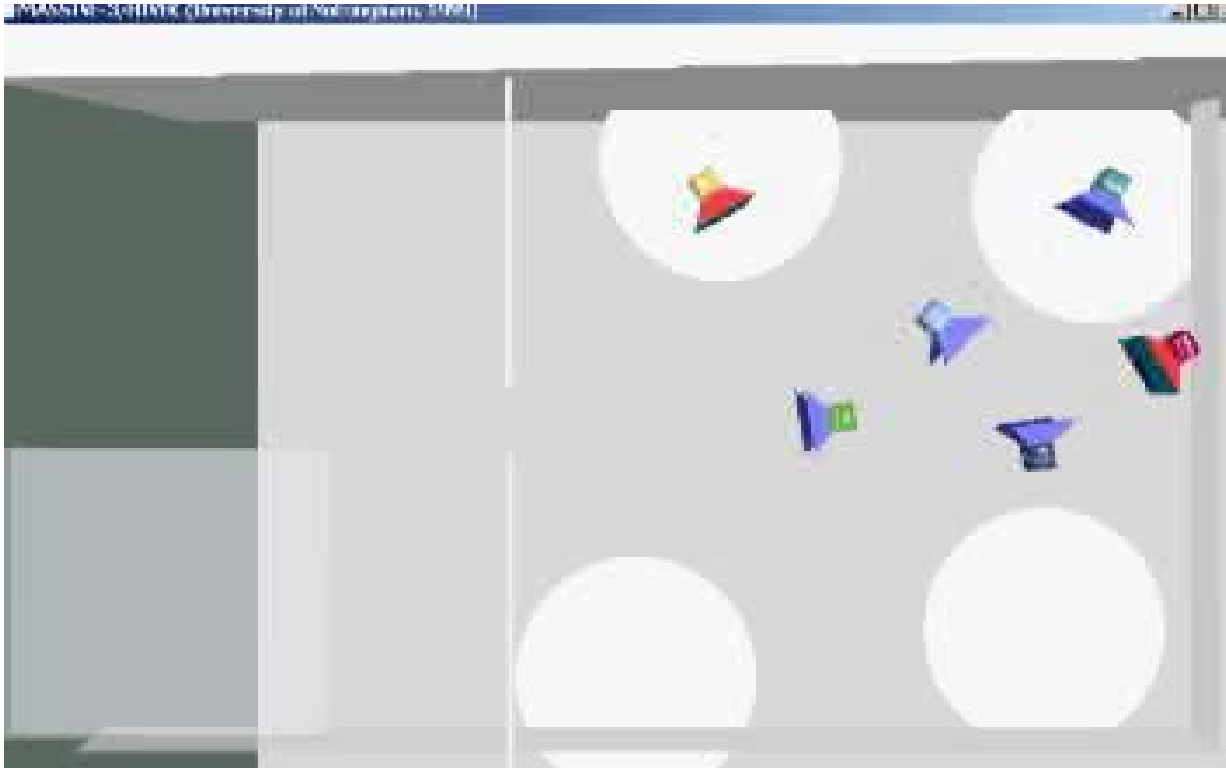
Video Data



Diaries

Informal interviews

History Data



Log book

Set-up



Integration – a first pass

Microsoft Excel - Ethno19October2004.xls

Type a question for help

	A	B	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	
1	Date (correct)	Date on MRA	Start Time	Tapes															
2	19/10/2004 Tue	20/10/2004	16:00:09	12 A&B															
3	Tape Time		00:00:00			00:01:59		00:08:15				00:17:15	00:20:05		00:22:07			00:23:35	
4	History Time		16:00:09	16:01:09		16:02:08		16:08:24				16:17:24	16:20:14		16:22:16			16:23:44	
5	Maps																		
6																			
7																			
8	C9	people talk	HS	AG	HS					WS								HS	
9		actions	setting up		in office also	moves about, checks recording				leaves	returns							moves over to C54	
10																			
11	C54	people talk					BK	BK			BK								
12		actions	empty				returns	leaves again	returns	opens cell			mobile rings, turns round slightly and moves back and closes door						
13																			
14	MRL	people talk																	
15		actions			nobody in view														
16																			
17	Bath	people talk																	
18		actions	empty																
19	Bartlett	people talk	Two people																
20														CF		AP	AP		
21		actions	working around main table																
22																			
23	127C	people talk																	
24		actions	empty																
25																			

at some point some people enter waiting for Alan

phone rings, CF picks up

no movement in MRA by her

enters to join meeting

sits down to join

again no change in MRA

Dealing with the telephone
BK moves away
CF remains in position

Tape 11 A&B 12 A&B

Mixed Reality Lab

www.mrl.nott.ac.uk

Equator Project

www.equator.ac.uk

The Bartlett

www.bartlett.ucl.ac.uk

Home Page

<http://www.crg.cs.nott.ac.uk/people/Holger.Schnadelbach/>