

# Human Communication Research Centre

Universities of Edinburgh, Glasgow

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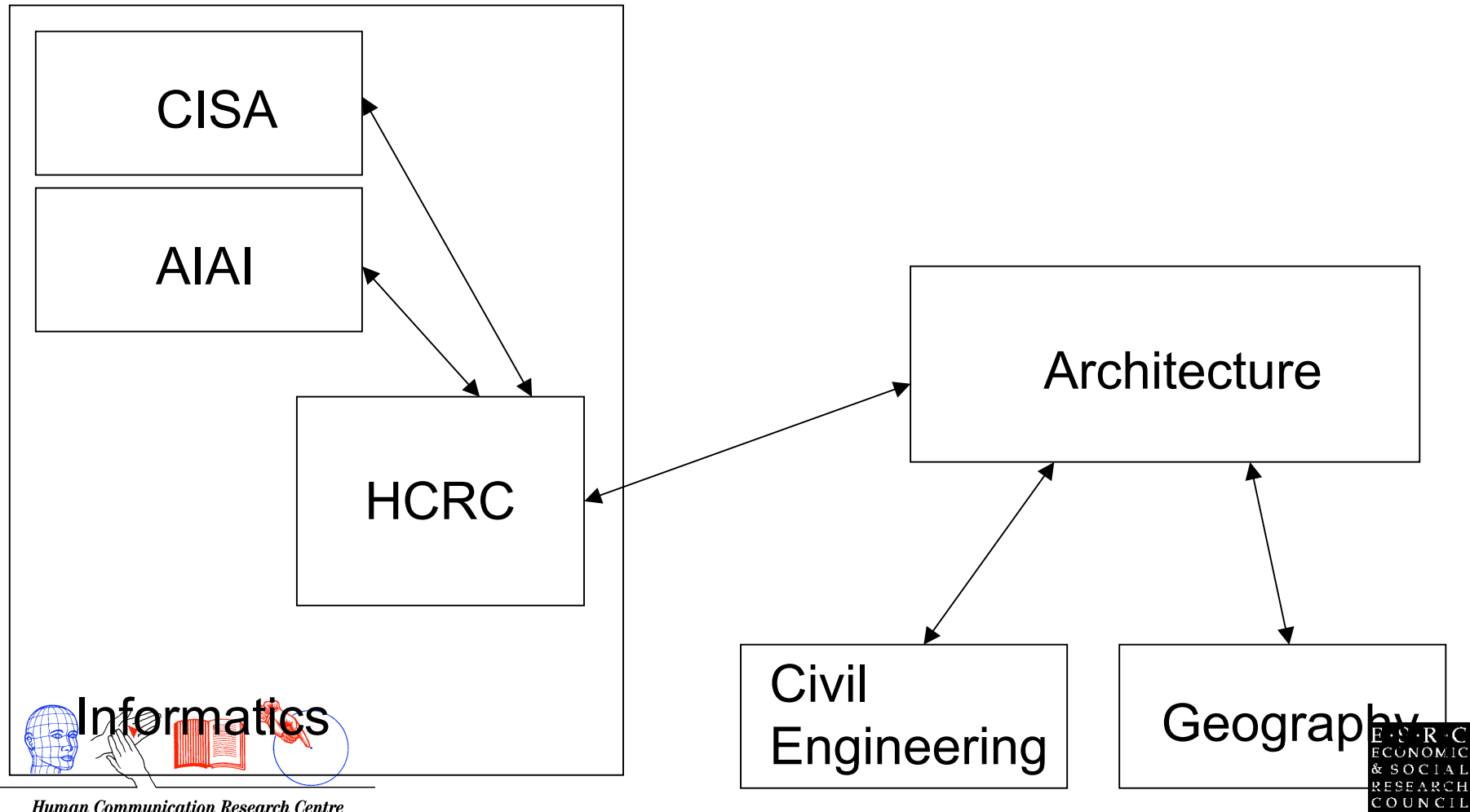


*Human Communication Research Centre*

<http://www.hcrc.ed.ac.uk/>

E · S · R · C  
ECONOMIC  
& SOCIAL  
RESEARCH  
COUNCIL

# Edinburgh Connections



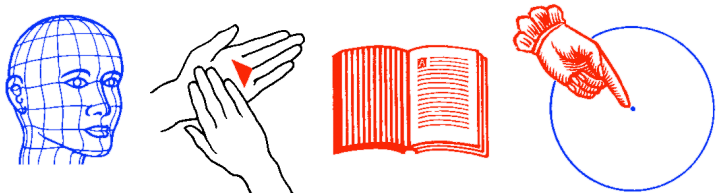
# Architecture

- ◆ Communication in collaborative design
- ◆ Non-Place
- ◆ Engineering (construction)



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## *Human Communication Research Centre*

An ESRC-seeded  
interdisciplinary research centre



UNIVERSITY  
*of*  
GLASGOW

**University of  
Glasgow**

Psychology

18  
Permanent Staff

~ 50  
Research Staff

12  
Support Staff



**University of  
Edinburgh**

Informatics (ICCS)  
Linguistics (CSTR)  
Psychology  
Psychology,  
*University of  
Durham*

# Potted history

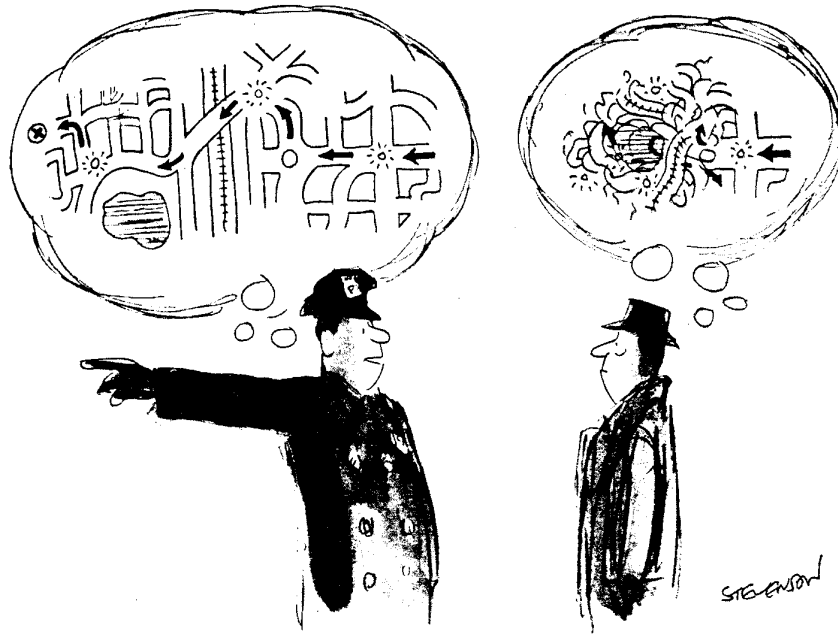
- ◆ Set up by ESRC in 1989 as an IRC for 10 years
- ◆ Focus on *real world* communication and dialogue
- ◆ Established across two main University sites
- ◆ Rapid large-scale success in attracting external grant funding
- ◆ Emerging areas of specialisation in *Language Technology* and *Multimedia Communications*
- ◆ Continues as independent self-funding Centre



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# What HCRC does



*Drawing by Stevenson; © 1976 The New Yorker Magazine, Inc.*

## Mission:

Applications of basic scientific understanding in creation of effective, reliable and useful systems:

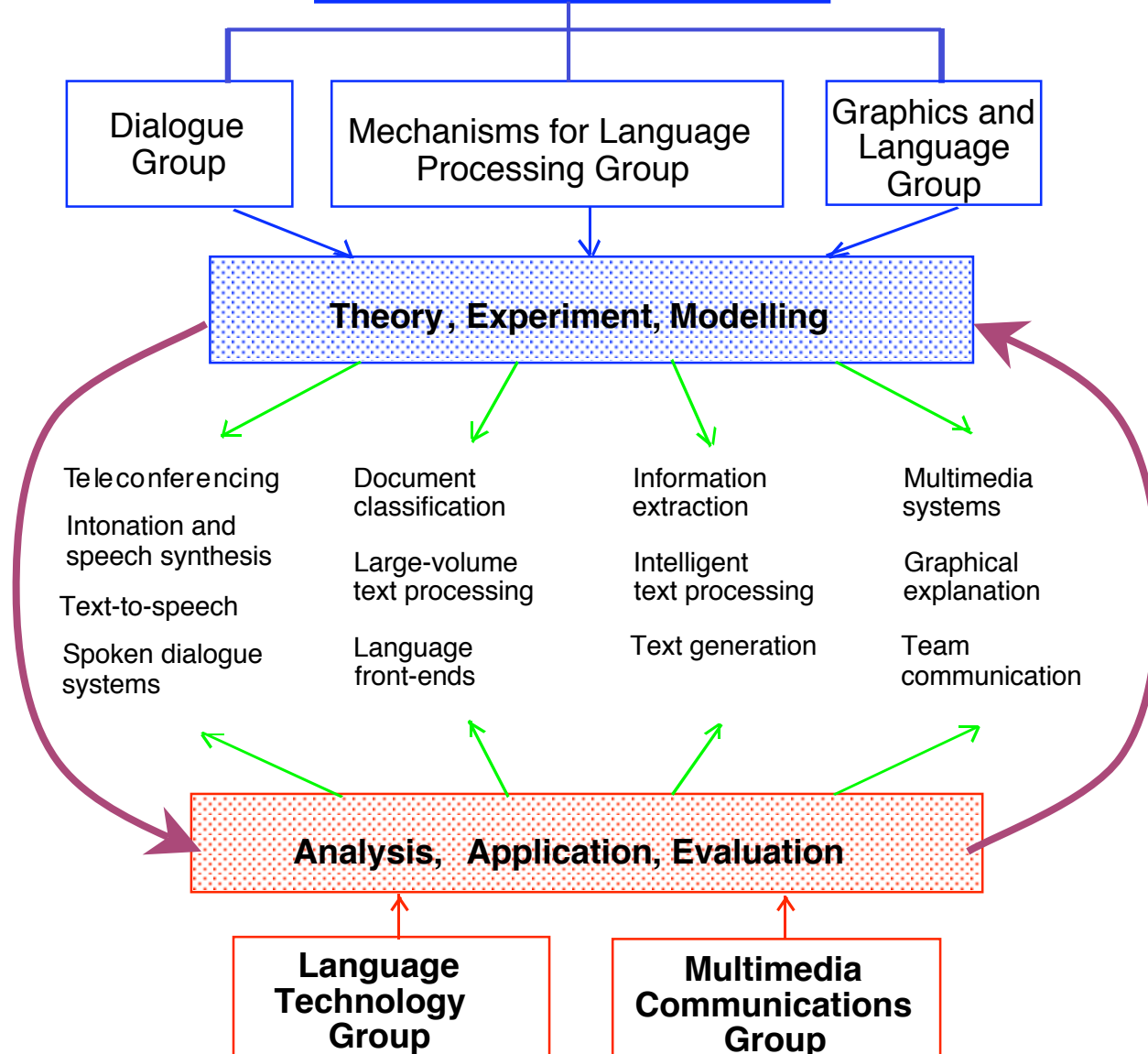
- safety-critical systems
- multimedia interfaces and environments
- computer-based training and instruction
- automated document indexing, retrieval, summarisation, generation



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# HCRC Scientific Organisation



# Language processing

- ◆ Language generation and language production
- ◆ Task-driven human language comprehension
- ◆ Hybrid systems and natural computation
- ◆ Intelligent Information Interfaces
- ◆ Integration of language and speech technology
- ◆ Technology mediated collaboration
- ◆ Document management



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<http://www.hcrc.ed.ac.uk/Site/MLAP.html>

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