

# INTERNATIONAL FUND FOR IRLAND

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# Interactive Systems Centre @ Magee

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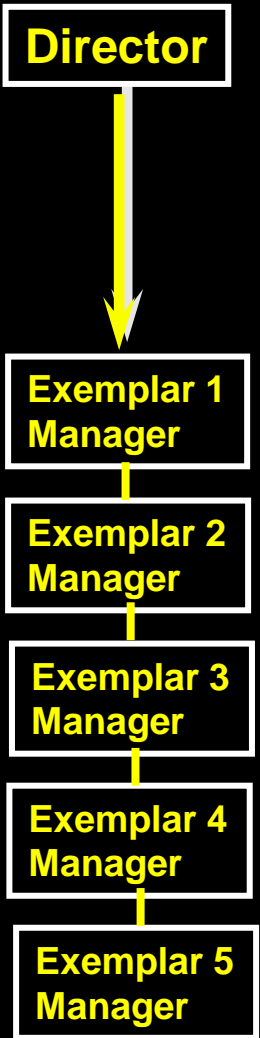
The corporate goal of the ISC is to establish and develop a critical mass of expertise and research capability to respond to market needs and to keep abreast of changes and advances in technology in the field of interactive systems.

# Management Structure of the Interactive Systems Centre

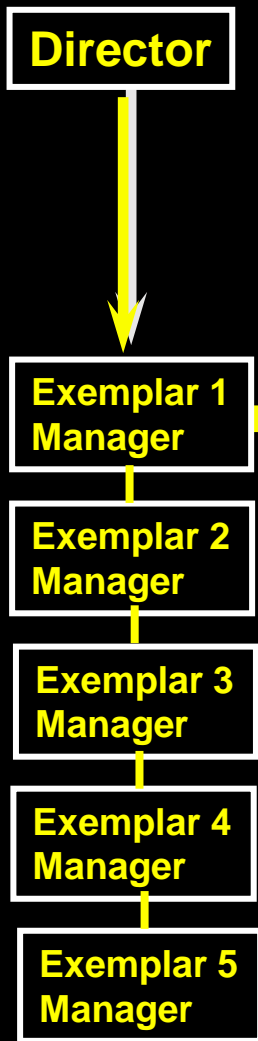
- the basic science
- the exemplar systems

**Matrix Management**  
**Exemplar projects**  
**Infrastructure.**


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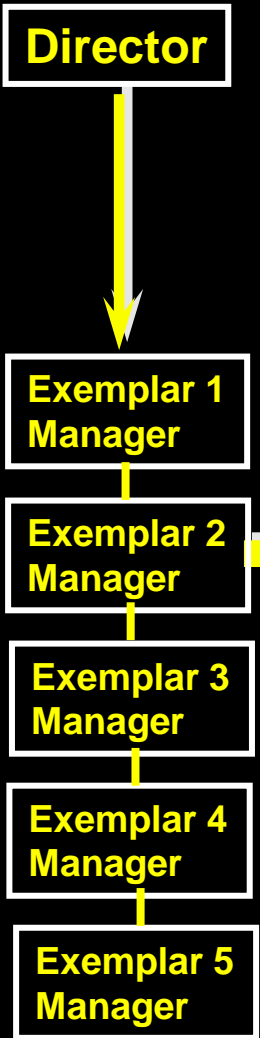


## Multimedia Interactive Guidelines



- Two Projects:
    - Statistics Learning package.
    - Life and Work of W.B Yeats.
- Sponsor: Digital Equip. Corp

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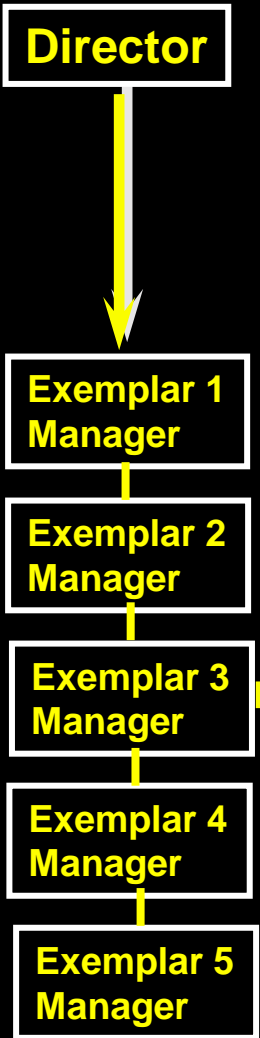
## Multimedia Systems



- Four Projects:
  - Derry Heritage Centre Interactive System,
  - The Lobby Project,
  - The Learning Experience.
  - User Interface of a Retail Banking.

**Sponsors: Inner City Trust, ISC, Science Museum, & Northland Computing.**

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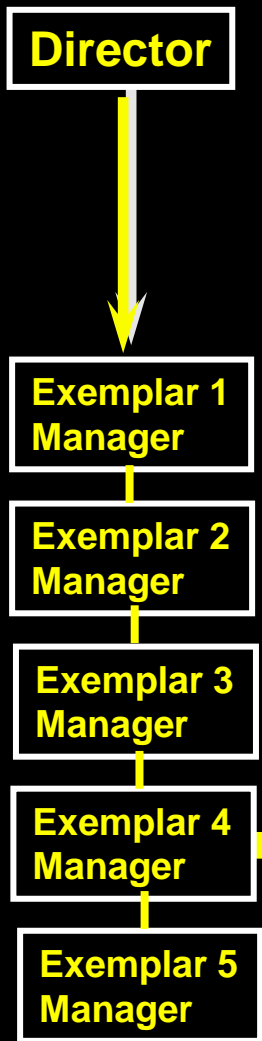


## Multimedia Development Environment

- Two Projects:
  - Multimedia Tools.
  - Computer Based Delivery of Transfer-of-Information (TOI).

Sponsor: BT, & SunSoft.

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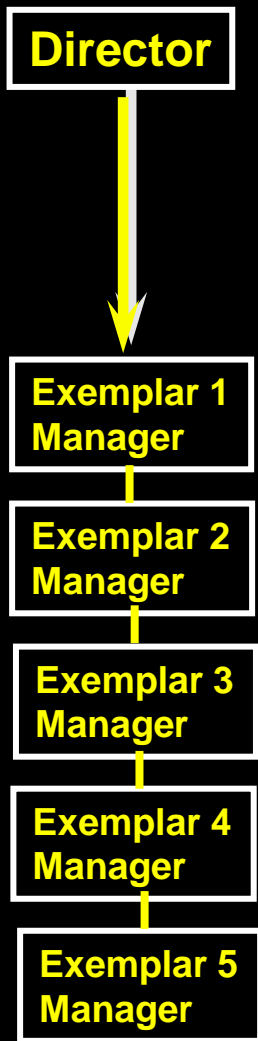
- Three Projects:
  - Human Face Identification.
  - Hardware Implementation of Neural networks.
  - Visual Inspection

**Sponsor: CEM, Fruit of the Loom**

**Industrial Applications**



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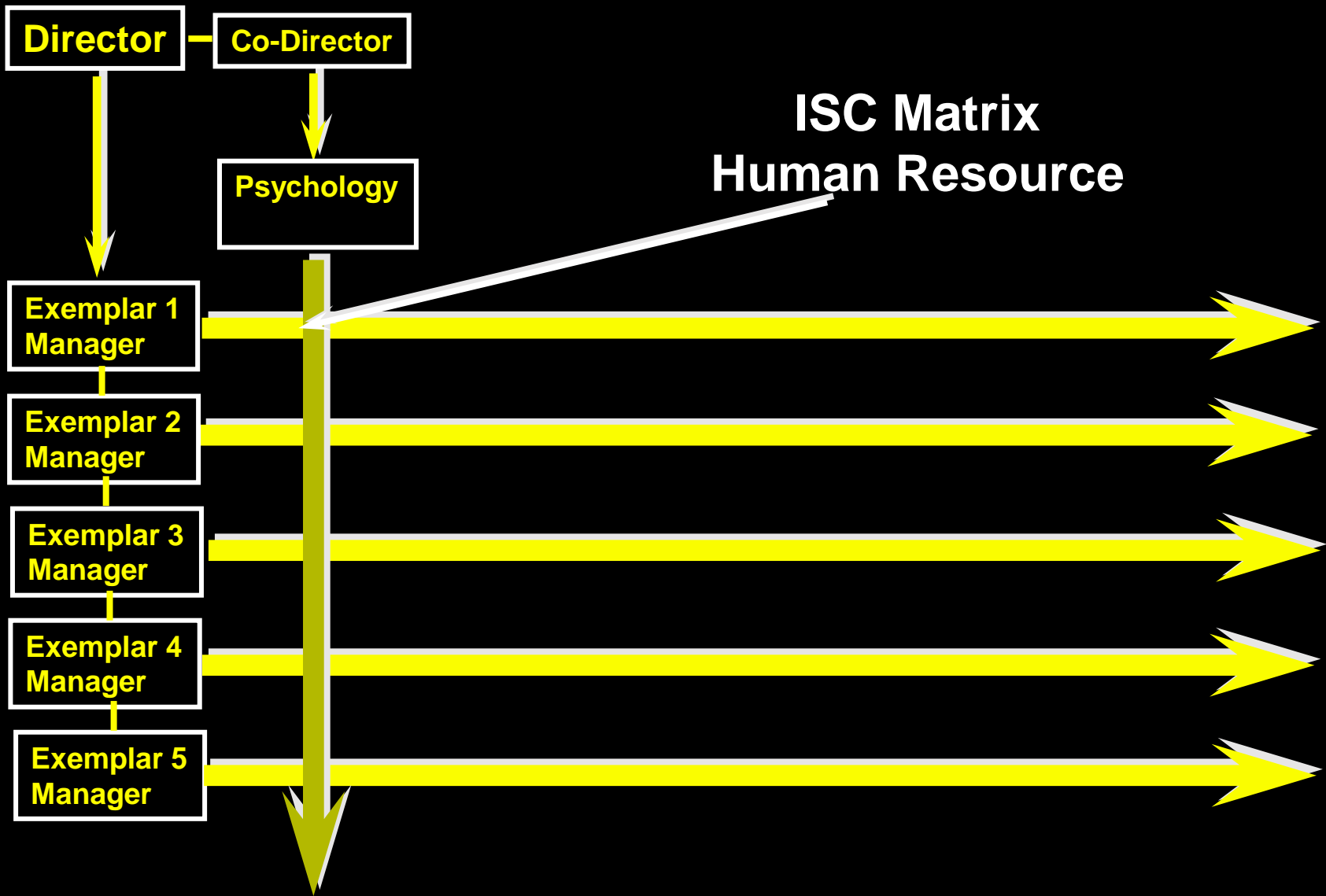
- **Five Projects:**
  - Synchronous Network Emulator.
  - Internetworking: Concepts and Techniques
  - Distributed Operating Systems for High-Speed Networking..
  - Application of ISDN Communications,
  - Super JANET ATM LAN Pilots,

**Sponsors: Northern Telecom, DENI, BT.**

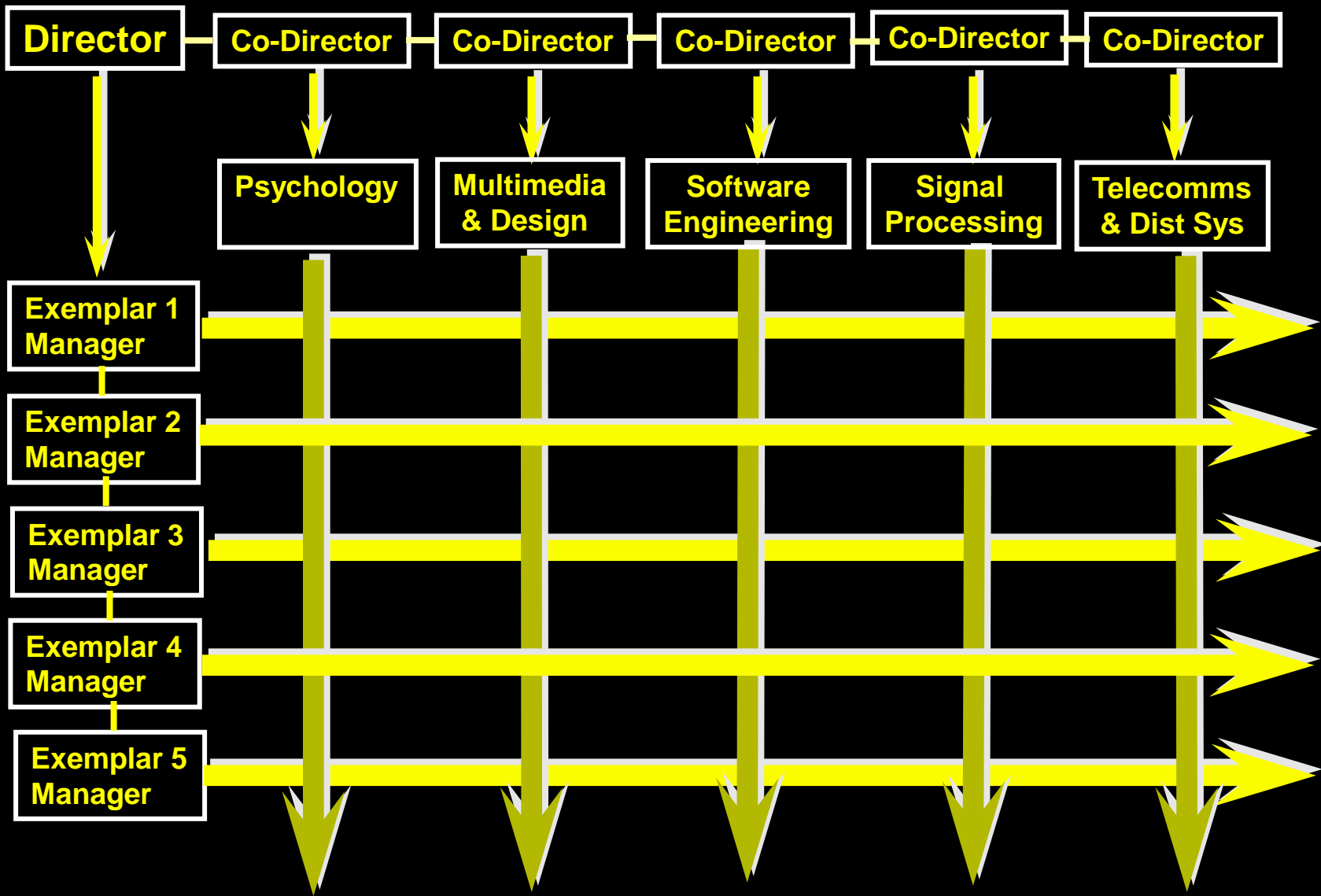
**Telecommunications & Distributed Systems**



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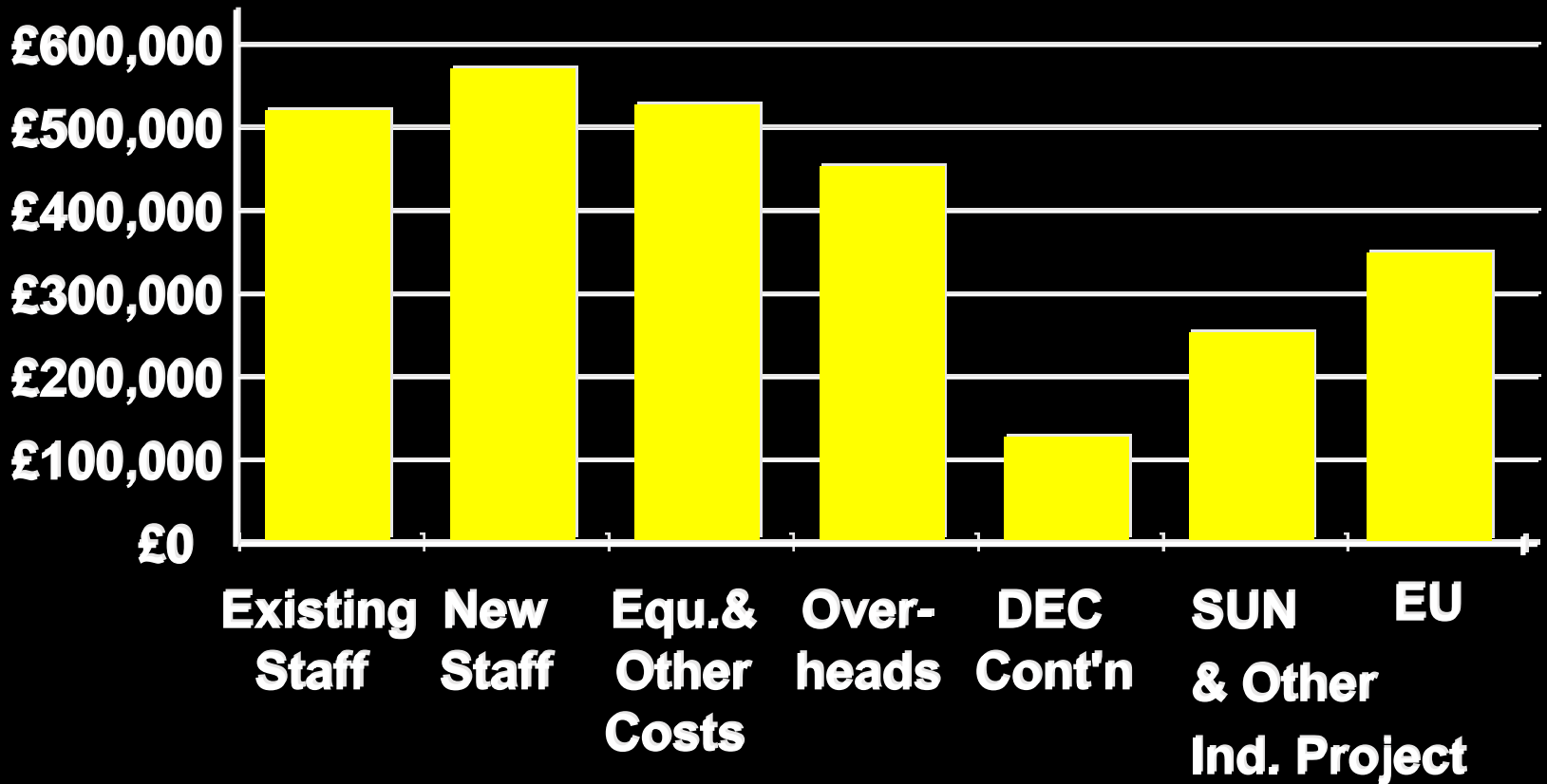


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# ISC Budget 1993 – 95

## £2.5m



# EU Fourth Framework Four Programme

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- **ESPRIT**
- **BRITE/EURAM**
- **TELEMATICS**
- **TEMPUS**
- **COMETT**

# ESPRIT OMI Initiative

**I PrOMInent**

**F Promotion of OMI by a  
I User Support Network Centre.**

# ESPRIT OMI Initiative

## STEPCAM

**System-Level Development  
Toolchain for Embedded  
Performance Critical Applications  
on a Universal Microcontroller.**

# ESPRIT Multimedia Initiative

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TALENT

**Training and Learning  
Environment  
with Network Tutoring.**

# The Information Society

- The literacy Culture
- The Oral Culture
- Media Blurring

# ESPRIT Multimedia Initiative



*EuroMinds Network*

European Multimedia Interactive  
Training and Education Support  
Network

## ISC Co-Director

**Prof. Chris Brotherton**

**Prof. Patrick Purcell**

**Dr. Reg North**

**Mr. George Row**

**Dr. Martin McGinnity**

# Abdullah Hashim ISC Director



Thank you all  
for your hard work  
help and support  
during the 90s

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