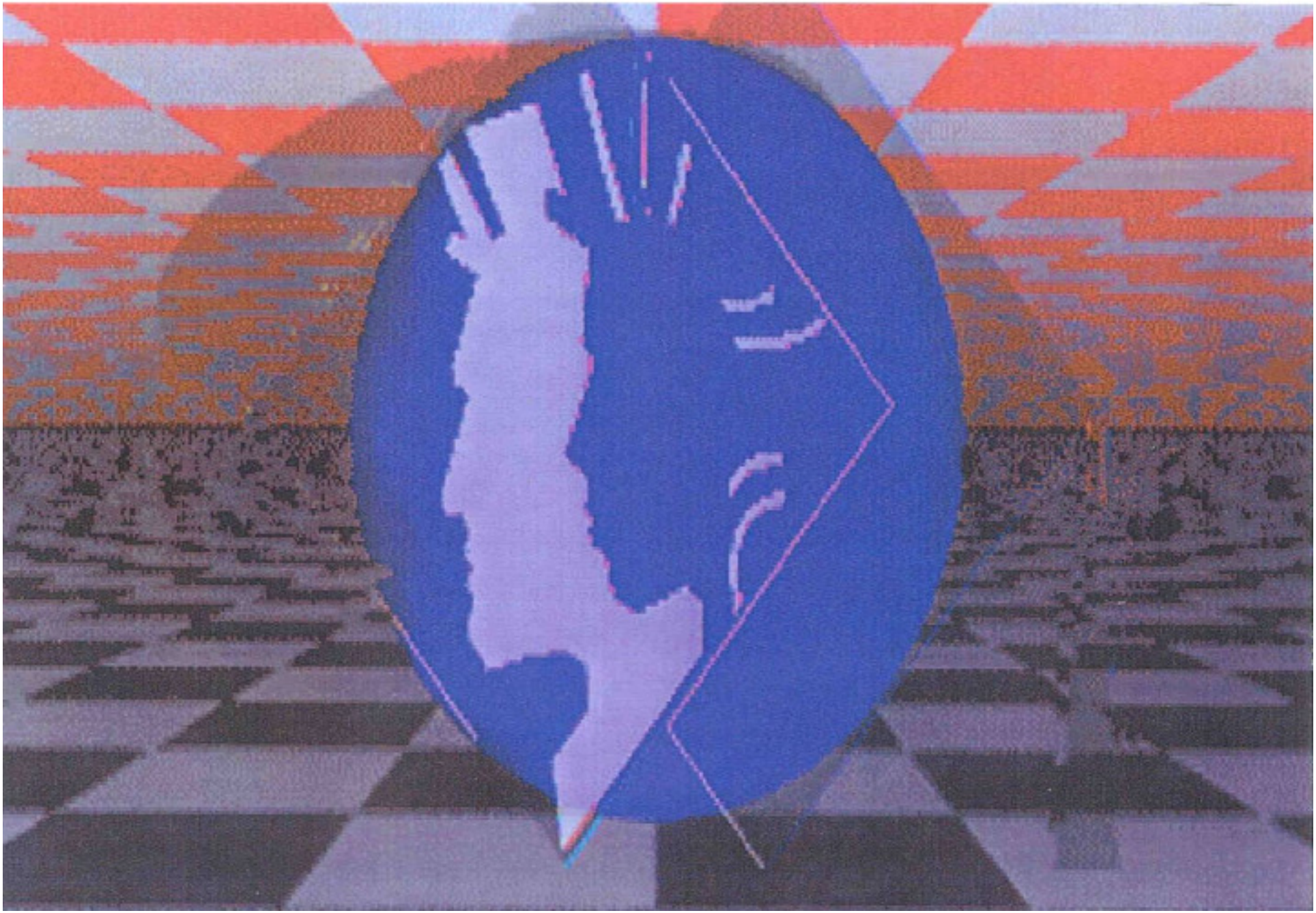
Inteligent Media Systems and Services Research Centre



Intelligent Media Systems & Services Research Centre (IMSS)

Computer Science Department

Ambient & Pervasive Intelligence Group

School of Systems Engineering

University of Reading, UK

http://www.imss.reading.ac.uk
atta.badii@reading.ac.uk

University of Reading

Intelligent Media Systems and Services (IMSS)

IMSS is a multi-disciplinary research centre within the School of Systems Engineering, University of Reading (Cybernetics, Computer Science, Electronics). The Centre has a track record of global-scale research collaboration within that includes key industrial sectors, as well as major multi-national corporations, and, leading intermediary organisations in the public and private sectors worldwide.

Group 1 (SMDSOA)

- Internet of People, Things & Services (IoPTS), Model-Driven-Service-Oriented Architectures, Ontological Networks Engineering, Virtualisation, and Agent Technologies, Secure Semantic Technologies, Collaborative-Creative Social Spaces Computing.

Group 2 (MobiPETS)

- Advanced Man-Machine Interfaces, Privacy-enhanced Trusted Personalised Context-aware Interaction, User-Intimate Systems, Dynamic Usability Modelling & Mining, Behaviour Modelling & Usability Evaluation in networked data intelligence archi-tectures, Forensics and Surveillance Technologies, AAA- Identity Management.

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Group 3 (DMMR)

- Distributed Databases and Multimodal Multimedia Information Archiving & Retrieval, Smart Transcoding for Mobile Media Distribution, Real-time Video Streaming, QoS, SLA, DRM

Group 4 (*RoboHumatics*©)

- Robot-Human, Robot-Robot Cooperativity-support Architectures for semantic integration and responsive decision escalation and resolution, Speech & Image Processing, Image Tracking, Formation Marking, Pattern Recognition & Machine Learning, Multi-Level Data Fusion, Scene Analysis, Context-sensing, Situational Awareness, Natural Language Processing.

Group 5 (SAWI)

- Networked Enterprises Collaborative Workflow Integration, Semantic Architectures and middle/upper-ware for self-evolving Adhoc, BAN, P2P, A2A networks, Security and Dependability Protection, Services Contracting, Dynamic Scheduling, Optimisation, Simulation and Decision Support.

Group 6 (ESRAS)

- Embedded Systems Design, Lab-on-Chip and Networked Sensor Technologies for Adaptive Telematic Systems exploiting FPGA-enabled Real-time Semantic Integration Technologies, Energy Management.

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Thank you

Atta Badii

Intelligent Media Systems & Services Research Centre (IMSS)
Department of Computer Science
School of Systems Engineering
University of Reading
Whiteknights RG6 6AY UK
Phone: 00 44 118 378 7842
Fax: 00 44 118 975 1994
atta.badii@reading.ac.uk, www.imss.reading.ac.uk

University of Reading