

RMIT Intelligent Agents Group



url: www.cs.rmit.edu.au/agents

6 full time staff (soon 7)

10 research students

3 honours students

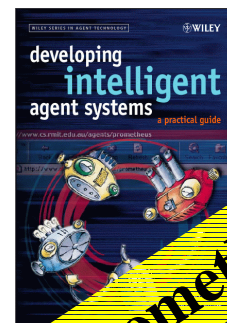
Also undergraduates, summer students,
associated members, etc.

Areas of work

- ◆ Agent oriented software engineering
 - 1 grant, 6 students, (1 postdoc from mid '04)
- ◆ Agents in open systems
 - 4 grants, (possibly) 1 student, 3 postdocs
- ◆ Agent reasoning and logics
 - 5 students
- ◆ Co-operation and teamwork
 - 1 student

Areas of work

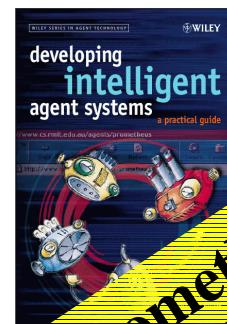
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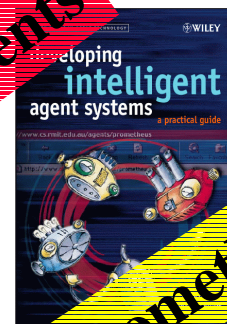
Debugging**Prometheus**

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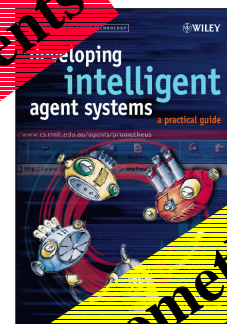
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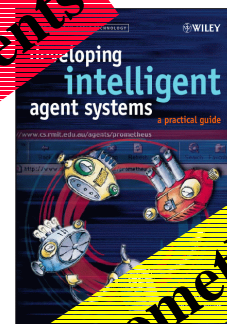
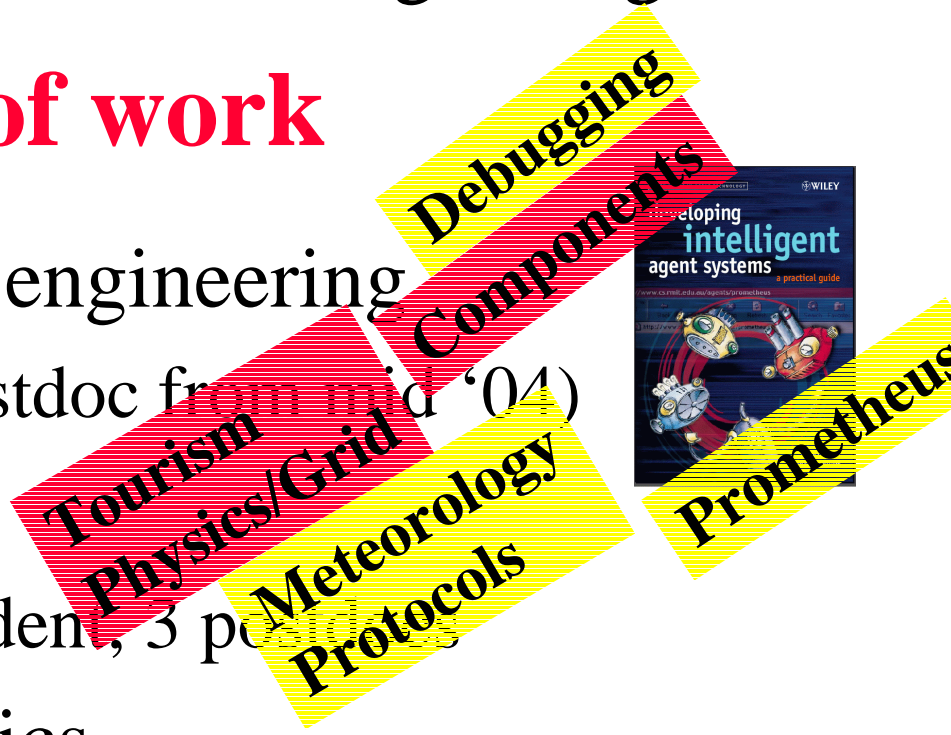
Meteorology
Protocols

Prometheus



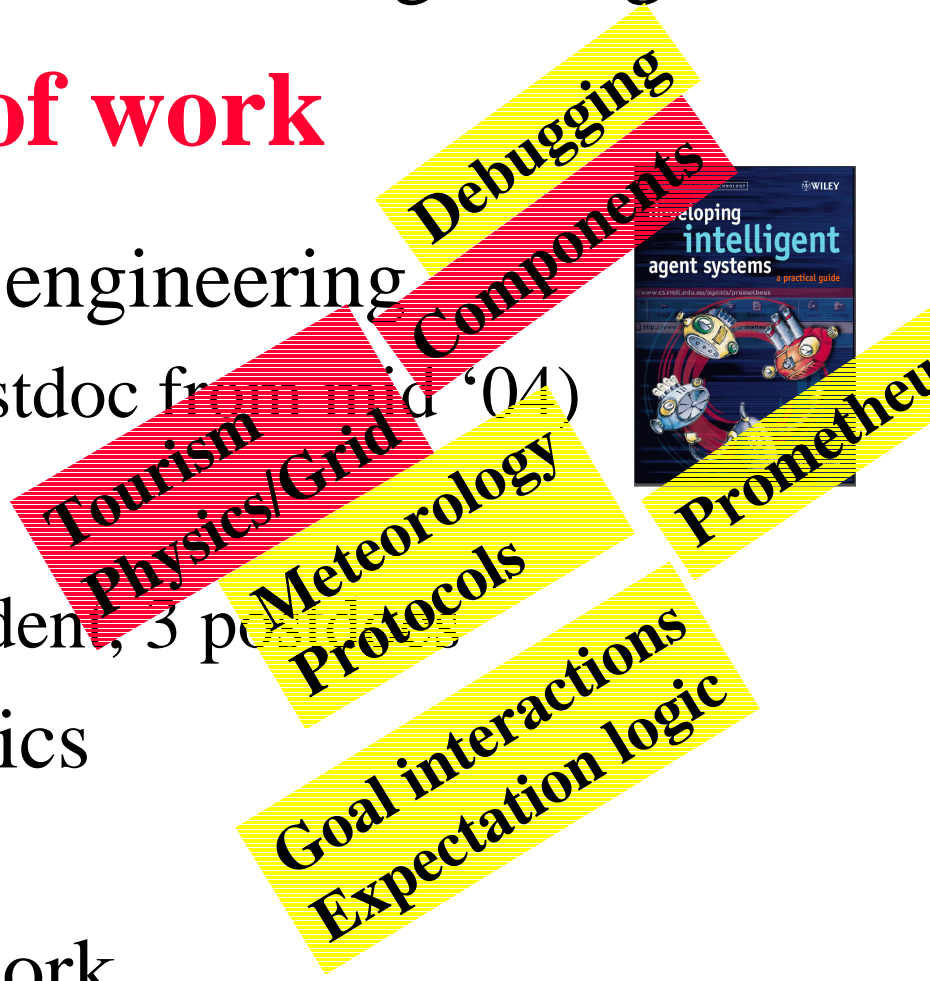
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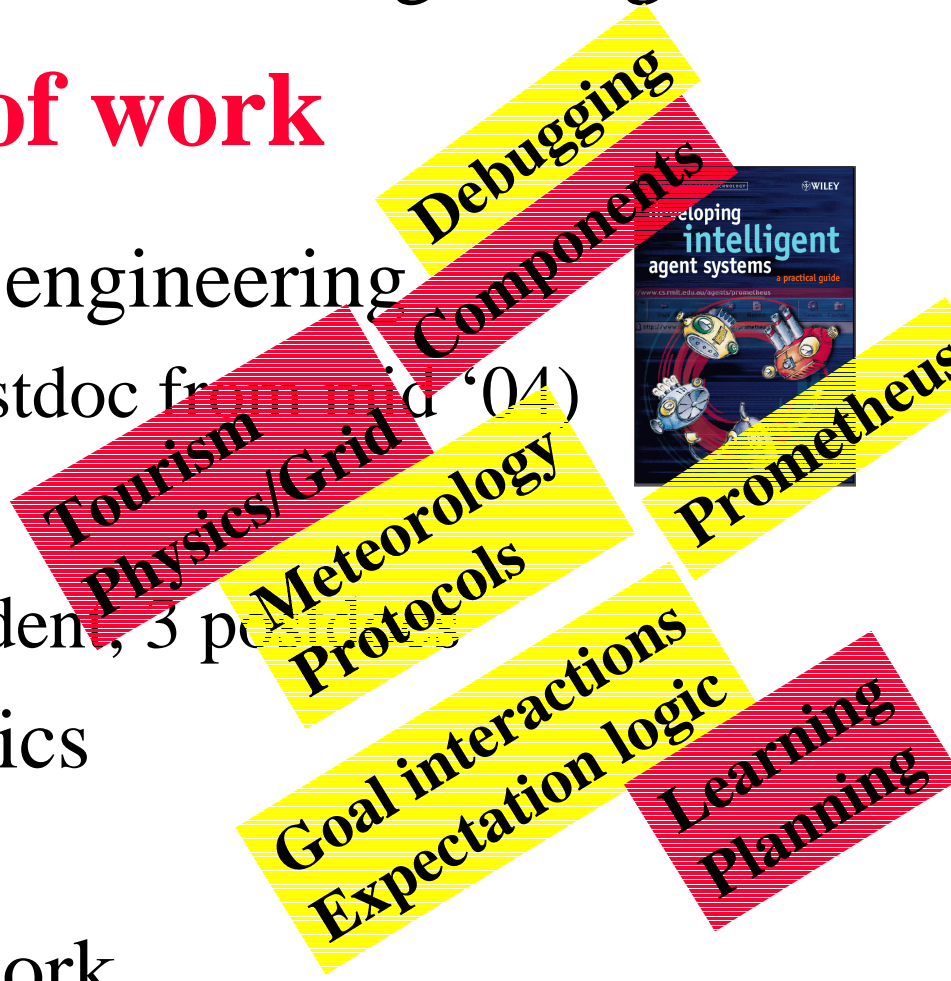
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Open Systems Work/Projects



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Agentcities

- distributed testbed
- tourism
- infrastructure
- standards
- FIPA JACK plugin



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Tourism and Travel

- service description
- service discovery
- service composition



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- teamwork
- commitments
- fipa standards

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High Energy Physics

- grid computing
- architecture and infrastructure

Flexible Protocols

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- fipa standards

Research Collaborators

- ◆ Agent Oriented Software
- ◆ Bureau of Meteorology
- ◆ UoM Physics
- ◆ RMIT Architecture and Design
- ◆ European Union Projects (Satine, AgentCities)
- ◆ Various individual academics - national and international ...

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Staff:

Lin Padgham
Michael Winikoff
James Harland
Ian Mathieson
Min Xu
Aloys Mbala
Research programmer

Research students:

John Thangarajah
David Poutakidis
Vu Binh Tran
Lavindra deSilva
Gaya Jayatilleke
Toan Phuoc Phung
Chris Cheong
Dennis Nguyen
Rosette Kidwani
Simon Duff

Honours students:

Mikhail Perepletchikov
Jason Khallouf
Robert Tanaman



Research Grants

- Advanced Software Engineering Support for Intelligent Agent Systems ([ARC linkage](#))
- Description, Composition, Discovery and Deployment of Intelligent Agent Services ([DEST](#)) ([ARC linkage](#))
- Open agent architectures for intelligent distributed decision making
- Presentation of Complex Systems ([ARC discovery](#))
- High Energy Physics GRID ([VPAC](#))
- Flexible and Robust Protocol-Based Interaction between Agents in Open Systems ([ARC linkage](#))