

## Faculty of Information Technology research degrees supervisors and their research areas

| <b>RESEARCH AREAS</b> (in alphabetical order)                                    | <b>SUPERVISORS</b>   |
|--|--|
| <b>1. • Audiovisual information processing</b>                                   | Prof Guojun Lu<br>A/Prof Manzur Murshed<br>Dr Gour Karmakar<br>A/Prof Andrew Paplinski<br>Dr Sid Ray<br>Dr David Squire<br>Dr Shyhwei Teng<br>Dr Peter Tischer<br>Dr Dengsheng Zhang |
| <b>2. •Complex systems modelling, simulation and reasoning under uncertainty</b> | A/Prof Vincent Lee<br>Dr Kevin Korb<br>A/Prof Ann Nicholson<br>Dr David Albrecht<br>A/Prof David Dowe<br>Prof David Green  |
| <b>3. • Computer education</b>   | A/Prof John Hurst<br>Dr Judy Sheard<br>Dr Michael Morgan<br>Dr Des Casey<br>Ms Kirsten Ellis   |
| <b>4. • Data mining, optimisation and constraint solving</b>                     | Prof Geoff Webb<br>Dr Daminda Alahakoon<br>A/Prof. Vincent Lee<br>Prof Kim Marriott<br>Prof Mark Wallace   |

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|---|--|
|   | A/Prof Maria Garcia De La Banda<br>A/Prof Bernd Meyer<br>Dr Ai Cheo Yeo<br>Dr Yen Cheung   |
| <b>5. • Databases, information storage and retrieval</b>                | Prof Balasubramaniam Srinivasan<br>A/Prof Arkady Zaslavsky<br>Dr Maria Indrawan<br>Dr David Taniar<br>Dr Campbell Wilson                             |
| <b>6. • Decision support and business intelligence</b>                  | Prof David Arnott<br>Dr John Betts<br>A/Prof Vincent Lee<br>Dr Rob Meredith<br>Dr Ly Fie Sugianto<br>A/Prof Chung-Hsing Yeh<br>A/Prof Frada Burstein |
| <b>7. • Electronic media arts</b>                                       | Dr Alan Dorin<br>Dr Jon McCormack  |
| <b>8. • Enterprise information systems</b>                              | Prof Ron Weber<br>Dr Helena Scheepers<br>Dr Md. Mahbubur Rahim<br>A/Prof. Vincent Lee<br>Dr Linda Dawson<br>Dr Yen Cheung                            |
| <b>9. • High performance clusters, grid and parallel supercomputing</b> | Prof David Abramson<br>A/Prof Manzur Murshed   |

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|--|---|
| <b>10. • Human-computer interactions</b>           | A/Prof Julie Fisher<br>Dr Alan Dorin  |
| <b>11. • Knowledge management</b>                  | A/Prof Frada Burstein<br>Dr Henry Linger<br>Dr Kerry Tanner<br>A/Prof. Vincent Lee  |
| <b>12. • Library and archival science</b>          | Prof Sue McKemmish<br>A/Prof Graeme Johanson<br>Dr Kerry Tanner<br>Dr Steven Wright   |
| <b>13. • Mobile and distributed computing</b>      | A/Prof Arkady Zaslavsky<br>Dr Shonali Krishnaswamy<br>Dr Chris Ling<br>Dr David Squire<br>Dr David Taniar<br>Prof Balasubramaniam Srinivasan<br>Dr Linda Dawson<br>Dr Helena Scheepers<br>Dr Yen Cheung |
| <b>14. • Multimedia and digital communications</b> | Dr Iqbal Gondal<br>Dr Joarder Kamruzzaman   |
| <b>15. • Intelligent computing</b>                 | Dr David Albrecht<br>A/Prof Frada Burstein<br>A/Prof David Dowe<br>Dr Alan Dorin  |

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|---|---|
|   | Dr Joarder Kamruzzaman<br>Dr Kevin Korb<br>Prof Ingrid Zukerman<br>Dr Ann Nicholson<br>A/Prof Kai Ming Ting   |
| <b>16. • Organisational and social informatics</b>                                | Prof Sue McKemish<br>A/Prof Graeme Johanson<br>Dr Steven Wright<br>A/Prof Frada Burstein<br>A/Prof Julie Fisher<br>Dr Judy Sheard<br>Dr Linda Dawson<br>A/Prof John Hurst<br>A/Prof Kai Ming Ting<br>Dr Madhu Chetty<br>Dr Henry Linger |
| <b>17. •Complex systems modelling, simulation and reasoning under uncertainty</b> | A/Prof Vincent Lee<br>Dr Kevin Korb<br>A/Prof Ann Nicholson<br>Dr David Albrecht<br>A/Prof David Dowe<br>Prof David Green   |
| <b>18. • Software engineering</b>   | Prof David Abramson<br>Dr Sita Ramakrishnan<br>Dr David Squire  |
| <b>19. • User modelling and natural language processing</b>                       | Prof Ingrid Zukerman<br>Dr David Albrecht   |

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