



# 14th National Congress of the Australian Institute of Physics

Adelaide University, South Australia:  
December 10 — 15, 2000



**Driving Technology Through Discovery,  
Understanding and Innovation**

## INDIVIDUAL CONFERENCE PROGRAM

VERSION 2

(Excludes plenary sessions)

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### 7TH VACUUM SOCIETY OF AUSTRALIA CONGRESS (VSA)

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**Friday, December 15, 2000**

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**11:00 am — 12:30 pm VACUUM SOCIETY AND CONDENSED MATTER PHYSICS JOINT SESSION**  
**VENUE: BRAGG THEATRE Chairperson: John O'Connor**

- 11:00 am A/Prof Stephen THURGATE Murdoch University  
**418** *The liquid/solid interface: UHV techniques*
- 11:35 am Dr Robert ELLIMAN Australian National University  
**419** *Ion beam analysis of thin films and surfaces using high-energy heavy ions*
- 12:10 pm A/Prof Matthew FEWELL University of New England  
**420** *Comparative studies of the composition of nitrated stainless steel*

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**12:00 pm — 3:30 pm POSTERS**  
**VENUE: GAMES, LEVEL 5**

- TF 177** A/Prof Bruce KING University of Newcastle  
*Low energy ion scattering analysis of platinum - rhodium surface alloys*
- TF 178** Dr Bruce WEDDING University of South Australia  
*Vacuum testing of the FedSat communications payload*

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**2:00 pm — 3:30 pm VENUE: NORTH DINING Chairperson: John O'Connor**

- 2:00 pm Prof John ROBINS University of Western Australia  
**1003** *The relevance of the IUVSTA to Australian Scientists*
- 2:30 pm Mr Benjamin WATTS University of Newcastle  
**1004** *Orientation Study of 3APS on Zinc Oxide Surfaces*
- 3:00 pm Ms Liz MIKAJLO Flinders University  
**1005** *The electronic structure of ionic solids - theory vs. experiment*