

Appendix – Interactions with the Faculties

Professor N. Akhmediev lectured in *Nonlinear Dynamics* (PHYS3002) to 3rd year undergraduate students in physics.

Dr A. Ankiewicz lectured and demonstrated in *Devices for Optical Systems & Networks* (PHYS3051) to 3rd & 4th year undergraduates in physics and engineering.

Dr R. Ball supervised undergraduate students, Susan Batley and Revantha Remanayke, both PhB Research Scholars, during the second semester.

Dr T.T. Barrows gave a lecture and practical session to a third year class from the Department of Archaeology and Natural History, RSPAS.

Professor B.T. Batchelor lectured the Mathematics 3rd year course MATH3322 *Mathematical Methods*.

Dr A.M. Baxter of the Department of Physics, Faculty of Science, carried out research on nuclear spectroscopy in the Nuclear Physics Department.

Dr B.D. Blackwell collaborated with Dr. H.J. Gardner on "Real Time Data Visualization over Local and Remote Networks".

Dr B.D. Blackwell and Dr K.A. Walshe, Power Quality Associates, Sydney taught a full 4th year course in "Power Electronics" in the Department of Engineering, and supervised two honours projects there.

Dr G.G. Borg supervised 4 honours students in the Department of Engineering

Professor A.P. Byrne holds a joint appointment as Head of the Department of Physics, Faculty of Science.

Dr M. Dasgupta and Professor D.J. Hinde supervised two students from the Department of Physics, The Faculties, being Michael Lane in a Graduate Diploma in Science (Physics) project entitled "Optimization of a Novel Separator of Nuclear Fusion Products" and Nick Herrald in a 3rd year special research project entitled "Deep-sub-barrier Fusion".

Professor R.G. Elliman was a member of the PhD supervisory panel of Helmut Mackel, FEIT. He also was a guest lecturer in ENGN4507 (FEIT) and guest lecturer and lab demonstrator in PHY3033 (Physics).

Dr T. Esat holds a joint appointment with the Research School of Earth Sciences.

Dr L.K. Fifield continued collaborations with Professor P. De Deckker and Dr B. Opdyke of the Department of Earth and Marine Sciences and is co-supervisor of Daniel Wilkins, a joint PhD student, with Professor De Dekker.

Dr L.K. Fifield and Dr V. Levchenko supervised Matthew Lenehan from the Department of Earth and Marine Sciences in a Master of Philosophy project entitled "Origin, Nature and Mobility of Salt in the Regolith".

Dr M. Gulacsi gave the *Statistical Physics and Quantum Field Theory* honours course PHYS3041 and the *Statistical Mechanics* honours course PHYS3042.

Professor J.H. Harris presented a 3 unit, 3rd year course on *Plasma Physics* in the Department of Physics.

Professor C. Jagadish gave guest lectures as part of the course on *Microelectronics and Photonics*, ENGN4507.

Dr P. Kluth and Dr S. Kluth presented a course on *Microelectronic & Photonic Technology*, ENGN4507.

Dr G.J. Lane taught half of Physics 3033 (Nuclear Physics) in the Department of Physics, Faculty of Science and was an Advanced Studies Instructor for the PhB course SCNC2101

Professor J.D. Love lectured in *Optical Fibre & Waveguide Transmission* (PHYS3050) & *Devices for Optical Systems & Networks* (PHYS3051) to 3rd & 4th year undergraduates in physics & engineering, as well as single lectures on photonics in PHYS1101 & ENGN4519. He was also Convenor for distance learning courses PHYS8510 & PHYS8511 in photonics as part of the Master of Contemporary Science degree and also for the Master of Photonics degree.

Dr M.C. Ridgway and Dr C.J. Glover organised and ran a 4th year physics course, at the Faculty of Science on Synchrotron Science.

Dr R.E. Robson gave a lecture course on *Life Physics* PH1004 which was delivered to students in Physics, The Faculties.

Dr A. Rode continued his collaboration with Dr A. Christy, Department of Geology, on "Mass-Spectroscopy of Carbon Nanostructures".

Dr A. Samoc presented "Principles and Demonstrations of the Use of a Prism Coupler" for engineering students.

Dr M. Samoc and Professor B. Luther-Davies continued their collaborations on "NLO Properties of Organometallics" with Dr Mark G. Humphrey, Department of Chemistry.

Dr A.G. Truscott gave a honours course on *Atom Optics* which was delivered to students in Physics, The Faculties.

Dr A.N. Wilson holds a joint appointment with the Department of Physics, Faculty of Science.

Nine students from the Department of Physics, Faculty of Science, carried out projects in the Department of Nuclear Physics as part of the PhB/DSP programs. Four of these (John Altin, Ben Swift, Sebastien Yuen and Jeff Rogers) were supervised by **Dr A.N. Wilson and Dr P.M Davidson**, one (Roger Senior) by **Professor A.P. Byrne and Dr G.J. Lane**, and four (Paul Altin, Paul Bonato, Kirsten Gottschalk and Jemma Pollaris) by **Professor A.P. Byrne and Dr A.N. Wilson**.