

THE UNIVERSITY OF ADELAIDE STUDENT BRANCH OF THE AIAA

CHAIRPERSON'S REPORT 2002

2002 was an exciting year for the Adelaide Uni AIAA Student Branch, with many great events taking place and projects started. The year saw the creation of the UAV special interest group, a dinner to mark the anniversary of Yuri Gagarin's first manned space flight, a paper plane building competition and a trip to the planetarium.

As a student body the AIAA Student Branch has a role to play in helping students, whether that be to discover the possibilities that aerospace holds, or to provide an outlet for those who already have an interest in the field to apply the theory they are learning at university in an applied environment. This principle drove the creation of the Unmanned Aerial Vehicle Special Interest group. The UAV group is an extra-curricular group that aims to expose students to an applied aerospace problem that involves all facets of engineering, from mechanical design of the lifting body through to the computer systems engineering of the control system. The creation of the UAV group was met with a great deal of enthusiasm by the AIAA student membership, with regular meetings taking place. The work in 2002 focused on the concepts behind getting the project off the ground and applications for funding.

2003 will see the one hundred-year anniversary of man's first powered flight by the Wright brothers. This presents a great opportunity for the AIAA to promote itself and all aerospace activity, and to inspire people to explore the possibilities and challenges that exist for the next century of atmospheric flight and space exploration. The 2002 Student Branch has begun the preparations for the centenary and its associated activities by planning participation in the National Aerospace Design, Build and Fly Competition in 2003, and holding an event - a paper plane throwing competition - to promote the upcoming centenary.

I believe that all of those who were members of the 2002 AIAA Student Branch enjoyed and benefited from the experience. I wish the 2003 Committee and members every success, and I look forward to their celebrations of the centenary of flight.

Tim Griffin

Branch Chairperson 2002

Program for 2002

Week/Semester	Date	Event Title	Time/Venue	Additional Details
Week 4, Sem 1	Tues 26 Mar	Aerospace Careers Seminar Speakers from: BAE SYSTEMS, Tenix Defence, RAAF (ARDU)	6pm S127 Engineering South Building	\$5 at the door - includes pizza and AIAA membership 2002
Week 4, Sem 1	Thurs 28 Mar	Annual General Meeting	1:10pm Davis Room, S117 Engineering South Building	
Week 6, Sem 1	Fri 12 April	Yuris' Night: The World Space Party	7:30pm Volga, Flinders St, Adel. 10pm Fumo Blu, Rundle St, Adel.	Bookings for dinner are essential
Week 10, Sem 1	Wed 22 May	Visit to Planetarium	7 - 8:30pm Planetarium, Building P, UniSA, Mawson Lakes	FREE for members
Week 11, Sem 1	Thurs 30 May	Seminar: NEXST, Japan's Supersonic Transport Project	5:30pm S127 Engineering South Building	Speaker: Dr Kimio Sakata, Director, NEXST
Week 12, Sem 1	Mon 3 June	General Meeting: Unmanned Aerial Vehicle Group	1:10pm Davis Room, S117 Engineering South Building	
Week 5, Sem 2	Mon 26 Aug	HyShot scramjet seminar - World's First Flight of a Scramjet Engine!	5:30pm for 6pm S127 Engineering South Building	Speaker: Dr Allan Paull, Director, HyShot
Week 7, Sem 2	Fri 13 Sept	Paper Plane Competition Prizes include a model aircraft & \$20 Unibooks vouchers!	12 - 2pm Barr Smith Lawns	\$2 for 3 flights FREE can of Red Bull for every entrant
Mid-semester break	Thurs 26 Sept	Global Hawk Seminar	5:30pm for 6pm S127 Engineering South Building	Speaker: Hermann Altmann, Chief Engineer, Northrop Grumman (Global Hawk)