

Minutes of A.S.T.R.O. Meeting
held Friday December 11, 2009 at 8:30 p.m.
Clarence Gardens Community Centre.

This meeting was CHRISTMAS FUNCTION

CHAIRPERSON

Michael welcomed all present. Michael also acknowledged Matthew for his efforts in organising the very successful visit to Internode for last month's ((Nov) meeting

COMPETITIONS

ASTRO SA On the Night Competition Entries

1	RON	– Bio Diesel, Motor & Crusher
2	ULI/KEN	– Switch Reluctance Motor
3	IAN	– Spanner
4	IAN	– Spiral Return Spring With Stop
5	ANDREW	– Evap Aircon Improvement
6	HANS	– Fire Shelter
7	ANDREW L	– MMS I & II
		• Hair Regrow
		• Legal Remedy Manual
8	COLIN	– Magnet Motor
9	CHRIS	– Multiplying Torque Converter
10	DAVE	– Solar car, Solar Spirit
11	ULI/KEN	– 12 L/m Hydrogen Generator
12	BOB COX /STEVEN JONES	– Engine / Generator Management unit combo

On the Night Winners

1 st	#12 Bob Cox / Stephen Jones. - 1st. (Engine / Generator Management Unit Combo).
2 nd	# 6 Hans - 3rd (Fire Shelter)
3 rd	#11 Uli/Ken - 2nd. (Hydrogen Generator)

Major Competition Nominations:

“Inventions” shown throughout the year:

1. **Ray:** February – Adaptor plate for electric motor to gearbox for an electric car
2. **Vic:** February – IR light detector to audible sound device.
3. **John:** March - O.R.M.A.E.'s
4. **Uli:** May – Hydrogen - HHO - Browns Gas Generator -12L/m.
5. **Allan:** August, - Magnetic Wheel, Tetrapods.
6. **Mikey:** August, - (19:46m) Longitudinal-Magneto-Dielectric One wire network.
7. **Bruce:** February - Smart Charger for Electric Cars.
8. **Andrew L:** August – (4.17m) MMS solution and ORMAE's

Winners for the annual award:

1 st	#5 Uli. (Hydrogen generator).
2 nd	#1 Bruce (Smart electric car charger
3 rd	#7 Michael. (L.M.D. Network)

ATTENDANCE

60 Members

SUPPER

Following our Christmas Meeting Members enjoyed our traditional Christmas supper