

Human Powered Challenge 2009



Canterbury Agricultural Showgrounds, Christchurch
Saturday / Sunday – 3rd / 4th October 2009

It's happening again; that fusion of man and machine - the ever better, ever improving, Human Powered Challenge (or HPC).

On October 3rd a group of highly trained athletes will be assembling in Christchurch, mean while the members of Kiwi HPV will be gathering at the Canterbury Agricultural Showground's to compete in this year's HPC.

Many teams have been working on their designs for months, in sheds and garages across the country but with critical road testing now required expect to see many new machines emerging from the shadows.

These vehicles will be raced on a closed circuit at the Canterbury Agricultural Showground's don't risk missing out, race packs can be downloaded from our web site www.kiwhpv.org.nz

All competing vehicles must be powered only by direct human effort, power assist / storage will be tolerated but its use will prevent your results counting towards the title of HPC Grand Champion, vehicles may have any number of wheels but must meet minimum safety requirements for construction, steering and braking.

To taste glory at the HPC your vehicle must be able to dominate the three disciplines... as only outstanding all round performance across all stages will lead to ultimate success.

Entry fee is \$20.00 (cash or cheque please)

FOR MORE INFORMATION:

Contact Chris Freear
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To get the latest updates, please check the **www.kiwhpv.org.nz** website.



Timetable

This year the HPC is being held on the **afternoon** of Saturday 3rd October with a Barbeque and prize-giving after the racing. Note if racing is rained out, the whole event will take place on the Sunday morning.

Saturday 3 rd October		Rain Day Sunday
11:30am	Gates Open	8:30am
11:30am	Course setup (many hands make light work, all volunteer help greatly appreciated)	8:30am
12:00 - 1:00pm	Registration of teams, scrutineering, vehicle/team practice	9:00 - 10:00am
1:00pm	Welcome, Team Briefing, late announcements. <u>All riders must attend this briefing</u>	10:00am
1:20 - 1:50pm	Drag Race	10:20 - 10:50am
2:00 - 2:50pm	Everyday Vehicle Race	11:00 - 11:50pm
3:00 - 4:00pm	Endurance Race	12:00 - 1:00pm
4:00 - 4:30pm	Course breakdown (many hands make light work, all volunteer help greatly appreciated)	1:00 - 1:30pm
4:30pm	Onsite Barbeque, results, prize-giving. Celebrations and commiserations!	1:30 pm

EVENT ONE - Drag Race

Pairs of vehicles race from a standing start over a course of 200m. Vehicles may be run more than once, if riders wish. A team's best (fastest) run time will be used for the final score.



EVENT TWO - Everyday Vehicle Race

A Le Mans start will require vehicles to be unlocked and then raced for two laps of a circuit which incorporates a cattle grid, water hazard and hairpins, before stopping, dismounting and running to pick-up your cargo (4 x 2 litre milk bottles), with the cargo safely stowed competitors then race a further four laps to the finish.

EVENT THREE - Endurance Race

All vehicles start together and race together on a closed circuit of ~900m length, for one hour. Teams may change riders as often as they like although all riders must take a similar share of the riding time. A team's score is based on the number of laps completed in an hour, and the time taken to complete the remainder of the race. Team placings will be sorted by average velocity of each team over the duration of the event.

POST EVENT - A Barbeque!

An on-site barbeque will be held. NZ standard bread and sausages will be supplied. If you'd like something more refined, fee free to bring along your own food and drink!