

2013 Raceday Guide

AEPi



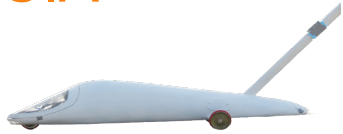
Kamikaze 2009

Apex



Phoenix 2013

CIA



Impulse 2013



Orca 2012



Ascension 2011



Freyja 2010



Quasar 2002

ROTC



Shrek 2005

SigNu



Bungarus Krait 2009

Spirit



Mamapbazuko 2011



Seraph 2004



Kingpin 2002



Zulu Machafuko 1996



Kufa Haraka 1995

PIKA



RD2013 2013



Chimera 2008

SAE



Lucy 2013



Rubicon 1999

SDC



Vice 2013



Bane 2011



Avarice 2010



Malice 2009

SigEp



Mamba 2011



Peregrine 2010



Barracuda 2009

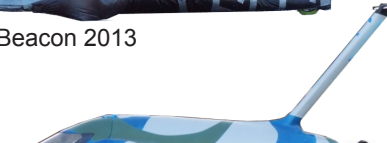


Pandora 2006

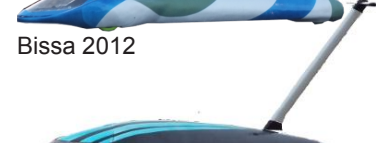
Fringe



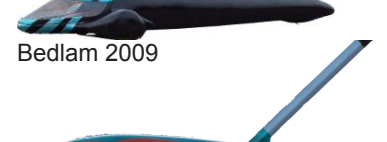
Beacon 2013



Bissa 2012



Bedlam 2009



Banyan 2006

Design Competition

About the judges

Michael Boyer (CMU ME, EPP): was a Project Chairman and Student Chapter President of the Society of Automotive Engineers while attending CMU. In his 18 years at Chrysler, Michael has worked in Chassis, Body, and Interior systems and holds several patents. He is currently Lead Responsible for Chassis and Engine System Vehicle Integration and Validation across all Chrysler, Dodge, Jeep, Ram, and Fiat vehicles. He has competed with teams in NASCAR Regional Racing and the Craftsman Truck Series.

Steve Collins, Ph.D., is a professor in the Department of Mechanical Engineering and the Robotics Institute. He teaches courses on Engineering Design (24-370) and Biomechatronic Systems Design (24-674) and leads research on robotic prostheses and exoskeletons in the Experimental Biomechatronics Laboratory.

Scott Guy was born in Detroit, MI, and graduated from the University of Michigan with a BSE and MSE in Industrial and Operations Engineering and a BS in Economics. Scott has 33 years of automotive experience in Engineering, Manufacturing, and Supplier Quality at Chrysler and Volkswagen. He has been Supplier Quality Lead Responsible for the launch of the new Jeep Wrangler, Ram Pickups, and Dodge Viper. He is currently Head of the Supplier Quality Business Unit, supplying components from NAFTA suppliers to Fiat Group facilities, most significantly for the Maserati Quattroporte being built in Turin, Italy.

Levant Burak Kara, Ph.D. (CMU ME), is an associate professor in the Department of Mechanical Engineering. His research interests include computational design, geometric modeling, sketch-based interfaces, human computer interaction, and AI.

Henry F. Thorne is the founder and CTO of 4Moms, a Pittsburgh-based juvenile products company. At 4Moms, Henry has developed the Digital Bath Spout Cover and Cleanwater Infant Tub (products that make bath time easier and safer), the Origami Stroller (the worlds first power-folding stroller), and the Breeze playard (the easiest-to-use playard on the market). Before 4Moms, Henry founded Aethon, where he designed the "Tug" to autonomously transport 750lb carts through public halls and elevators in over 100 hospitals. To date, Henry holds 23 patents, with 10 pending, more than 200,000 units of products designed and engineered by him have been sold.

Thanks to Chrysler for their support of Raceday 2013!

Friday's Races

Women

First heat at 8:10am

	Lane 1	Lane 2	Lane 3
1	PiKA A (3:05.57)	SigEp B (2:57.00)	CIA B (3:13.54)
2	Spirit A (2:50.86)	SDC D (3:05.69)	CIA D (3:49.36)
3	SDC C (2:52.20)	SAE A (3:27.12)	-
4	SigEp A (2:42.36)	Fringe C (3:13.65)	-
5	SDC B (2:37.30)	CIA C (4:00.02)	Fringe B (2:57.88)
6	Fringe A (DNF)	Spirit B (2:58.94)	Apex A (3:34.28)
7	SDC A (2:30.68)	CIA A (2:52.58)	AEPi A (3:16.21)

Record : 2:25.60 by SDC in 2009

Men

First heat at 9:40am

	Lane 1	Lane 2	Lane 3
1	PiKA B (2:23.27)	Spirit C (2:29.86)	CIA C (DQ)
2	SigEp B (2:20.51)	Apex A (2:30.65)	SAE B (DNC)
3	Fringe B (2:16.93)	SDC D (2:23.97)	ROTC A (DNC)
4	Spirit A (DQ)	CIA B (2:27.14)	-
5	SDC C (2:20.51)	Fringe C (2:22.48)	-
6	SigEp A (2:09.82)	Spirit B (2:21.54)	CIA D (2:56.30)
7	PiKA A (2:10.19)	SAE A (2:37.82)	Fringe D (2:24.57)
8	SDC B (2:08.21)	SigEp C (2:27.75)	Spirit D (DNC)
9	Fringe A (2:07.13)	SigNu A (2:23.16)	SigEp D (2:30.99)
10	SDC A (2:05.84)	CIA A (2:19.20)	AEPi A (2:31.51)

Record : 2:03.30 by SDC in 2009

Notes

- Teams listed with preliminary times from 2012
- DNC indicates team did not compete in 2012
- DNF indicates team did not finish the race in 2012
- DQ indicates team was disqualified for lane, starting, or safety violations, loss of mass during the race, pacing pushers, not holding the pushbar at the finish line, or other violations

Schedule of Events

Thursday

10am-2pm: Design Competition
(UC Wiegand Gym)

Friday

8am-12pm: Preliminary Races
(Tech and Frew St.)

12:30pm: Buggy Alumni Reception
(Coffee Lounge, Baker Hall)

Registration Required/Event Fee:

\$10 for non-members

Free for members and children under 12

1:30pm-3pm History of Buggy
Giant Eagle Auditorium, Baker Hall

Saturday

7am-9pm: Alumni and Exhibition Races
(Tech and Frew St.)

9am-12pm: Final Races

6pm: Awards Ceremony
(Main Tent, Midway)

Sunday

10am & later: BAA Morning-After Breakfast
(Smallman St. Deli, 1912 Murray Ave.)

Spring Carnival & Reunion Weekend



CHECK IN!

Or Go To: cmu.edu/event/check-in

Need a code reader? Go to www.i-nigma.mobi

LOYAL
SCOT
PLAID TO THE BONE