

The Sci-Bono Discovery Centre invites you
and your family to

Gizmos and Gadgets:

the remote control and techno toy expo @Sci-Bono

A 3 day
programme of activities
for all ages include:

- Model plane, train and automobile demonstrations
- Remote control car races
- Robotics Competitions
- Cool new technology
- Family workshops
- Techno treasure hunt
- Innovative edutoys for sale
- Plus Sci-Bono's collective of over 300 exhibits

Get to see
and play with
the greatest
of the old and
the latest
of the new!



3 – 5 December 2010

Opening Times : Friday 3 December 12pm-5pm, Saturday & Sunday 10am – 4pm
Entry R20 per adult, R10 per child

In association with: SA Model Aircraft Association,
N Gauge Guild of SA, SA remote Drivers Association,
SA Model Power Boat Association.
Miriam Makeba str, between Jeppe and President str,
Newtown, Johannesburg.
Contact us at 011 639 8400 • www.sci-bono.co.za



Interaction, inspiration and innovation are on the menu at Sci-Bono's family fun festival taking place on the weekend of the 3 – 5 December 2010.

Engage in science and technology, be entertained and educated by science clowns, lazer shows, robotics demonstrations, remote control races, rocketry workshops and technology treasure hunts. Please see the full programme of activities below.

Contact Refilwe Pico at 011 639 8484 or refilwe.pico@sci-bono.co.za

| EVENT | DESCRIPTION | TIME | AGE | COST |
|---------------------------------------|---|--|---|---------------------------------------|
| Future Proof Your child | Nikki Bush, creative parenting expert and author of the bestselling book, <i>Future Proof your child</i> , explores what you need to know about tomorrow, today in a thought provoking multi-media presentation. | 10h30 – 11h30 Sat 4 Dec | Parents, Grandparents & Teachers (supervised activities available for children) | R50 includes entry to Sci-Bono |
| The Sci-Bono Grand Prix | Jozi's inaugural remote control street car race. Qualifying heats for the grand prix take place on Saturday & Sunday. Final races on Sunday afternoon. Public are invited to race their own remote control cars during public access times. A limited number of remote control cars will be available for visitors to test drive. | Public access: Saturday: 11h30, 13h30 and 15h30 Sunday 11h30 & 13h30 Grand Prix Finals: 12h00 on Sunday | 8 yrs up | Entry to Sci-Bono |
| Fun with the African Sun | Learn about solar energy and the gift of the sun in a fun workshop with Suntoys. Power up a fan to keep off the heat or race a model solar car. | 11h00 – 13h00 Saturday and Sunday (2hr workshop) | 13 yrs up | Entry to Sci-Bono |
| Fuelling the car of the future | Join Innovation People Zone and test drive a futuristic model car. Create your own fuel using sun and water. | Friday 3 and Saturday 4 December (15 min demos) | 7 yrs up | Entry to Sci-Bono |
| Sibo sizes things UP ! | Too tiny to see ? Intrepid heroine and saver of the world, Sibó, discovers more about nanotechnology. Join author of the Sibó series Ginny Stone as she brings Nano down to a level that everyone can understand. Explore the all new Nano exhibit on loan from the Cape Town Science Centre | 11h00 am Sunday | 7 yrs up | Entry to Sci-Bono |
| Test drive Sonnenbrand | Winner of four prizes and the only school entry in the recent Solar Car Challenge, <i>Sonnenbrand</i> will be on show throughout the weekend. Test drive the solar car built by learners from the German School and be inspired to build your own for the 2012 challenge. | Saturday 4 & Sunday 5 December | All ages | Entry to Sci-Bono |
| Lazer Light Fantastic | The Council for Scientific and Industrial Research showcases their research into lazer technology and robotics in a | Friday 15h00, Saturday 14h00 and Sunday 14h30 | All ages | Entry to Sci-Bono |

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| | fantastic twenty minute show. See indoor fireworks and meet a life size robot! | | | |
| Bottle Jet Racing | For every force there is an equal but opposite force. Prove Newton's law of motion with this nifty kit that turns an empty bottle into a Jet Drag Racer! | 10h30, 12h30 & 14h30 daily (45 min workshop) | 7 yrs up | R55 for the Jet racer kit |
| Elastic powered cars | The easy to construct car uses two types of levers to convert the stored potential energy in a stretched rubber band to kinetic energy, propelling your car forward. | 11h00, 13h00 & 15h00 daily (45 min workshop) | 7 yrs up | R55 for the car kit |
| Build a rocket | Blast off into the exciting field of model rocketry with the <i>Experilab</i> Cobra Rocketry System. Manufacture your own model rocket engines in a safe, tried and tested process and launch the rockets up to 250m! Rockets are safely returned to earth by parachute. Replenish the energy and launch again | 13h00 – 16h00 daily (3 hr workshop) | 10 yrs up | R110 for the rocketry kit |
| Robotics | Roboscience demonstrates how to build and programme a robot from a simple kit. | Interactive demonstrations throughout the day | All ages | Entry to Sci-Bono |
| SAP First Lego League Robotics Tournament | 25 teams compete in the National finals of the International robotics competition. Feel the excitement as learners put their robots to the test in the Biomedical engineering challenge. | Saturday 4 December | All ages | Entry to Sci-Bono |
| Science Shows | <i>Kaboom</i> : an explosive science show using physics & chemistry to go BOOM ! <i>The Science of Plastic</i> : an interactive chemistry show demonstrating polymer science to make snow, slime, elephant's toothpaste & witches brew ! | 2 shows daily | All ages | Entry to Sci-Bono |
| Technology Treasure Hunt | Team up with friends & family to test your skills as you compete in a series of challenges to find the hidden treasure. | Saturday 10h30 & 13h00, Sunday 11h30 | Families | Entry to Sci-Bono |
| Exhibitions | Meccano models, remote control, trains, planes & automobiles will complement our permanent collection of exhibits. | 10h00 – 16h00 daily | All ages | Entry to Sci-Bono |