



K O O N G G A

Bulletin of the Rotary Club Of Ku-ring-gai Inc - Chartered 6th February 1959

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This Week

Bastille Night

Invite your partner and friends to join us for a night of French stories, trivia and fun. French prizes to be won, thanks to recent travellers Ross and Helen Egan.

Come appropriately attired - wear something blue, white or red (or all three). (The Sergeant will notice those who don't!)

Caterer Alice will provide a French themed meal.

Vive la France!



Next Week

Adele Mitchell

Viewing Mountain Gorillas in Rwanda

With only around 880 mountain gorillas left in the world, seeing them in the wild is something only a few people will ever have the chance to experience.

About 480 mountain gorillas inhabit an extinct volcanic region called the Virunga Range along the borders of Rwanda, Uganda and the Democratic Republic of Congo in East Africa. The other 400 or so mountain gorillas inhabit a nearby area of Bwindi in Uganda, a thick rainforest.

Come and hear Adele share her incredible experience of visiting two gorilla families in the Virunga Mountains.



Last Week: Youth Committee Projects

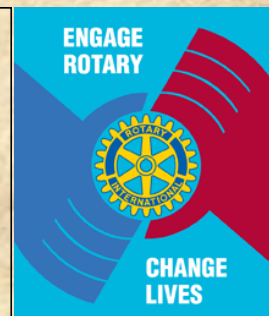
Joy Newling presented this overview of Youth Projects for the coming year: We will be supporting many of the projects from last year, as detailed in the Annual Report which can be found on the Club website, as well as looking at new projects. Here is a brief list of projects in the plan so far:

- Presenting Benefic Awards to year 9 students at Killara, Turramurra and Ku-ring-gai Creative Arts High Schools.
- Presenting Role Model Award to student at Clarke Road School. We will also be helping with resources for their new school, as well as more volunteering in areas such as reading, music and administrative assistance.
- Sponsoring 1 or 2 young people to RYLA (Rotary Youth Leadership Award) a week long course in January which many past participants have described as a "life changing experience."
- Supporting Youth Insearch, a community organisation that focuses on resolving adolescent issues at a peer level through weekend camps and ongoing counselling.
- Volunteering at RYDA (Rotary Youth Driver Awareness) when year 11 students from local high schools attend and learn about road safety and the dangers and consequences of unsafe driving.
- Supporting Eagles RAPS, an organisation started by Sally and Marten Wynd to help young people and give them another chance at a secondary education through classes at their makeshift school at Doonside and the TAFE OTEN system, as well as helping them in other areas of their lives and preventing youth suicide.

As well as the projects listed above, we will also be supporting more Rotary based projects such as MUNA (Model United Nations Assembly), building a closer relationship with local Rotaract Clubs and the Interact Club at PLC and sending donations to Life Education and Camp Breakaway. There are also new projects to consider, such as The Lab, a community project assisting teenagers living with Asperger's Syndrome. It is going to be another busy year for the Youth Committee and our Club!

In this issue

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- Next week: Adele Mitchell: Viewing Mountain Gorillas in Rwanda
- Youth Committee Projects
- Last week's speaker: Craig McClelland: Laser Lighting Hong Kong, Singapore & Macau
- Thank you from ShelterBox Australia
- (Members only): Club notices: Calendar of Events; Anniversaries; Door Teams; Last Week's guests; Gordon Market Roster; Positions Vacant.



The club meets every Monday 6.30pm at West Pymble Bowling Club, 2 Prince of Wales Drive, West Pymble. Visitors welcome. www.kuringgairotary.org.au

Rotary International
Theme 2013-2014

Last Week's Guest Speaker



Craig McClelland

Laser lighting Hong Kong, Singapore & Macau

Craig McClelland works for Laservision, a company based in Dural which specialises in large scale public light and laser shows, both temporary and permanent. Craig, who has a background in computer science, joined Laservision as a software developer working on computerised control systems. He is now a project manager for the business.

Laservision created the 'Symphony of Lights', a nightly show on Hong Kong harbour, which is largest permanent light and sound show in world. It was devised to encourage tourism by giving visitors a reason to spend an extra night in the city. Craig explained some of the issues involved in creating and presenting the show, including:

- It took years of planning, 6 months to install and 3 months to program.
- The show requires a separate control system on each building, implying a great challenge to synchronise them.
- Great care is required in aiming the laser beams. They are so powerful, a hand placed in front of them would be destroyed in minutes.
- Because the search lights and lasers used could interfere with aircraft movements, the Civil Aviation Authority has an instant cut off button.
- Viewers' access to the sound track on radio is vital: it is 80% of building the atmosphere.
- Reprogramming the show would be several months work for team of 5.

Laservision also created 'WonderFull' at Marina Bay, Singapore. This permanent show was a gift to the people of Singapore by a casino operator. It is a

smaller and more intimate show than the one in Hong Kong. It runs for 15 minutes, 3 times per night at week-ends. It uses 30m wide water 'screens' (multiple vertical jets of water) onto which pictures are projected.

Craig, who was involved in setting up the equipment for WonderFull, explained the creative process, which can begin with a very vague client brief and then require a development process as long as 6 months for 10 minute show. One of the difficulties of preparing the Singapore show was that Laservision could only test it on site. In order to avoid early disclosure, it was necessary to test discrete parts of the show separately on different nights, starting at 2 am and working until dawn.



For the 'Venetian Macau' show, Laservision uses 'video mapping' (projection) onto buildings. In this case, the creative process begins with detailed photos of the buildings, so that all images can be matched to them exactly. Images can be as varied as showing plants growing over the building and 'seeing' through the walls what's going on inside. Craig said that putting on shows such as



this is hugely expensive and complex because:

- The equipment is very expensive (\$250,000 for a projector).
- 3 projectors are required to create each image.
- The Macau show uses 26 projectors of 20K lumens each.
- The heat generated requires to projector housings to be air conditioned.
- Laservision could only test the show 2 days before launch, which meant the crew working successive day and night shifts.

Questioned about atmospheric pollution and rain, Craig said that they can enhance the shows. In fact, lights and lasers do not work as effectively in very clear air.

ShelterBox

The club received this letter from ShelterBox Australia:

"ShelterBox and those suffering around the world from natural disasters thank you for your generous gift of \$2,000. Your gift has been deposited into the 2012-2013 ShelterBox Fund.

We will advise you of the unique number(s) of your ShelterBox(es) when the numbers have been allocated. You will then be able to track your ShelterBox(es) through the ShelterBox website.

Because of the way ShelterBox works - the need to be ready to respond instantly to any disaster, at any time, anywhere in the world - we are unable to accept time or location specific donations. Funds received before a disaster will be drawn upon to respond, and funds stimulated by that disaster will be used to ensure we're ready for the next one.

It may be six days, six weeks or even six months before boxes are despatched but unlike other agencies, ShelterBox promises that a donation will help a family who have lost everything and you will be able to see where your donation has gone.

Yours sincerely,
Bob Furner PDG
Chairman"

