

## Editorial

To elaborate on last week's Editorial on AI, here is an article from the Australian on-line magazine *FUTURE CRUNCH* ("a fortnightly jumble of science, technology and good news"):

### AI IS ONLY SKIN DEEP

Right now, you can do something magical if you own a smartphone.

With a few taps of your thumb, you can download a little program called [SkinVision](#) that uses the camera to take a picture of moles or other blemishes on your skin. That image is automatically sent via a complicated relay system of cables and satellites to a data server in Europe. A machine, which has been trained on hundreds of thousands of pictures of melanomas over the last few years, analyses that image. It uses a piece of code, employing a clever statistical technique called deep learning, running off a whole bunch of custom-built integrated circuits that were originally designed for playing computer games.

Some people call this technological voodoo 'artificial intelligence', but that's not really an accurate description. Those involved in casting the spells usually prefer to call it machine learning. It's a new thing. The type of phone you use to take the picture has only been around for about 12 years, and the ability of our machines to see what's in that picture is less than seven years old. Computers have been able to recognise text and numbers for as long as we've had computers, but until recently images and video were impossible. Now though, they're able to see in the same sense as they can read.

This 'cognitive code', a proprietary mathematical algorithm, calculates the fractal dimension of skin lesions and surrounding tissue and builds its own map that reveals different growth patterns. The algorithm checks for irregularities in colour, texture and the shape of the lesion. Once all of that is done, it sends back its diagnosis: low, medium or high-risk. And the accuracy is incredible. It correctly identifies dangerous melanomas 97% of the time, way better than family doctors (60%), dermatologists (75%) and even specialist dermatologists (92%). Oh, and all of this happens within 30 seconds of you pressing the button marked SEND.

You can perform checks on your kids or your grandmother or your housemates. In other words you have the ability right now to spot skin cancer more accurately than the world's leading dermatologists. This is not a pilot, or a test program. It's a real world application of AI (we're using that description lightly) that has more than a million users around the world, and has already spotted 27,000 dangerous melanomas. It's a piece of code that's saving real, human lives.

## WYNPRESS

The Rotary Club of  
Wynberg



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#### President

Biffy Danckwerts 0815479489

#### Secretary

Monique Bayes 0832580389

#### Treasurer

Rob Murphy 837267060

#### Editorial Board

Barry Cleveland, Lina Howard, Stephanie  
Thomas, Hugh Maunder, Stephen  
Bredenkamp

#### February in Rotary

Peace and Conflict Resolution  
month

**Wynberg Rotary meet every Thursday,  
6 for 6.30pm,  
Palm House, Wynberg.**

For more information about our club, like us  
on Facebook or visit our website:

[Wynbergrotary.org.za](http://Wynbergrotary.org.za)



**BE THE INSPIRATION**

# Minutes: 7<sup>th</sup> February 2019

Compiled by Stephanie Thomas

## Attendance

15 members

1 guest – Sarah Naidoo

## From the chair of President Biffy

- Big Green Box event 30 March. R220 pp. Email was circulated. Let Biffy know if anyone wants to make up a team (8 per team).
- Muriel and Peter Hugo's daughter passed away.
- Venue not available next week (Valentine's day) – Keela to make booking at Bootleggers Tokai.
- Two requests for leave of absence to end June – Mike and String.
- Looking for international clubs to get involved in our Global Grants. Let Biffy know if you have contacts.
- 23 Feb – Venue needed for birthday celebration. Will also celebrate with cake at the club meeting on 21 Feb.
- Tuesday 5 March – raiding Hout Bay. No meeting on 7 March.
- List for Cape Cycle Tour 10 March – Add your name if you'd like to volunteer, and how many helpers you're bringing. We need 10 as per agreement to retain our spot.
- 21 Feb – Norwegians from Oddemarka visiting. Kelly Blake to talk to us about plastic pollution. Two Rotaract visitors from Germany and Sweden will also be visiting.
- Reminder of club team membership challenge.

## Fellowship

No fellowship announcements tonight.

**Dennis** reported that the NLC has received approx. R300k from Haugaland College and R320k from Oddemarka School. Sounds good but much less than before. Schools will therefore receive less than before. Funds can be allocated now. Bursary evening Wed 20th February, at Die Duine School, 6 for 6:30pm. Norwegian students will also attend. Let Dennis know if you'll attend for catering purposes. Rob to rethink handing out maths sets.

## Slots

German Club garden party on Saturday 2 March. At German ambassador's residence in Bishop's Court.

**Justin** – workshops for southern suburbs schools. Facilitators needed if club members want to volunteer. Looking for advisors who will be trained to run workshops. Justin to send email to members. 2 workshops coming up – Earlyact and Interact same day.

**Barry** – Proms ticket sales started yesterday. 200 tickets sold for Saturday and 350 sold for Sunday. Matinee surprisingly popular.

Wynpress sent via gmail. Contacts easier to add now, but there have been casualties. If anyone isn't receiving it, Barry will reinstate you.

## Guest Speakers

N/A (Business meeting)

## Swindle

Karen picked Biffy's name. Biffy drew the 5 of hearts. Ag shame. Dennis won the attendance prize.

## President's Pearls

**Stay away from negative people. They have problems for every solution.**  
– *Albert Einstein*

Duty Roster	February			March
	14 SOCIAL	21	28	7 NO MEETING
Sergeant		Jackson	Barnard	
Wynpress Editorial		Dietrich	Gowdy	
Wynpress Minutes		Cleveland	Maunder	
Door Duty		Maunder	Munday	
Grace		Todd	Van Niekerk	
Loyal Toast		Barnard	Bayes	
International Toast		Bird	Bonga	
Speaker Intro and Thanks		TBA	TBA	
Entertainment for the month	Murphy, Howard, Maunder, Overbosch, O'Driscoll			Bonga, Edwards, Schreiber M, Smith, Todd

## Dates To Diarise

<b>14 February</b>	Beer & Burgers at Bootleggers, Tokai. <i>Go on – surprise your Valentine!</i>
<b>21 February</b>	Kelly Blake (WGHS Interact) on her voluntary work at the 2 Oceans Aquarium. + Students and teachers from Oddemarka Junior School, Norway
<b>23 February (Saturday)</b>	Celebration of the 113rd Birthday of Rotary (Paul Harris' Chicago Club)
<b>28 February</b>	Julia and Andiswa (Manager and Training Manager from MOT) will share a typical training process with us; including packing their hand-out parcels
<b>5 March (Tuesday)</b>	Raid on Hout Bay RC. Guest speaker Delia Sainsbury
<b>13 March (Wednesday)</b>	Wynberg Rotaract's Birthday
<b>14 March</b>	Club meeting: Proms 2018 feedback/MOT/Strategic planning
<b>16 March</b>	Last Night of the Proms 19.00: Cape Town City Hall
<b>17 March</b>	Last Night of the Proms 17.00: Cape Town City Hall

"Search all the parks in all your cities. You'll find no statues of committees."

David Ogilvy

# Rotary Strategy

The Rotary International Bylaws require the Strategic Planning Committee to survey Rotarians at least every three years. The committee has conducted strategic planning surveys in 2006, 2009, 2012, 2014, and 2017.

A summary of challenges for all Rotary clubs from the latest survey:-

- Younger Rotarians, female Rotarians, Rotaractors, and alumni desire a higher percentage of younger and female members than Rotary now has.
- Transparency and accountability are top priorities, but a quarter of respondents say Rotary lags in this area. Questions about Rotary, overall and within clubs, indicate that ineffective communication methods contribute to transparency complaints.
- More strategic planning by Rotary clubs might improve members' satisfaction and their optimism for Rotary's future.
- A significant percentage of Rotarians are frustrated with the pace of change.
- Not only Rotaractors and alumni but also a growing number of Rotarians choose the environment as a chief cause for their ideal organization.
- Many Rotarians would like their clubs to take part in more community service and international service projects.
- Results suggest that some clubs do a poor job of involving Rotarians in projects and activities, which can lead to member disengagement and attrition.

*Food for thought for all of us!*



## Tailpiece

Two little old ladies, Connie and Evelyn, were sitting on a park bench outside the local town hall, where a flower show was in progress.

The short one, Connie, leaned over and said, "Life is so boring. We never have any fun anymore.

For R100 I'd take my clothes off and streak through that stupid, boring flower show"

"You're on!" said Evelyn, holding up a R100 note.

So, Connie slowly fumbled her way out of her clothes.

She grabbed a dried flower from a nearby display and held it between her teeth.

Then, completely naked, she streaked (as fast as an old lady can) through the front door of the flower show.

Waiting outside, her friend soon heard a huge commotion inside the hall, followed by loud applause and shrill whistling.

Finally, the smiling Connie came through the exit door surrounded by a cheering, clapping crowd.

"What happened?" asked Evelyn.

"I won R1 000 as 1st prize for 'Best Dried Arrangement'!"