

# SCOPE

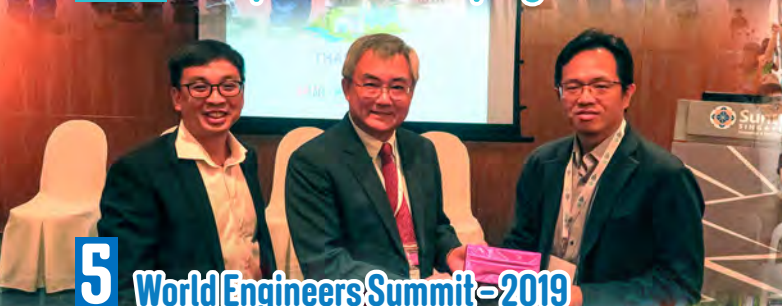
**3rd Quarter 2019**  
MCI(P)093/12/2018



**2-3** Complex HSE Campaign 2019



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## SCOPE EDITORIAL COMMITTEE

• Francis Tan • Lincoln Lee • Cerine Lim • Loh Sing Keong  
• Low Kah Yi • Sim Kai Sheng • Tey Tai Keat





# Complex HSE Campaign 2019



Tan Hong Yeung  
Maintenance



A Pre-Reception in PCS Admin building for all invited guests from MOM, WSHC (Chemical Industries) Committee and Jurong Island Vision Zero Working Group



Dow Chemical Country Manager Mr Paul Fong addressing the audience



GOH Ms Kala Anandarajah, Deputy Chairperson from WSH Council delivering her keynote address



GOH and Dow Chemical Country Manager inserting a mock key into the light pedestal to officiate the launch of the Campaign

Complex HSE Campaign is held annually, with the primary objective to create and elevate Health, Safety and Environment (HSE) awareness among employees and contractors. This year's campaign was organized by the Organizing Committee led by Dow Chemical Pacific with support from the Companies in the Singapore Petrochemical Complex including PCS.

As part of an on-going effort to promote and create greater awareness on "Vision Zero" movement, the campaign theme set for this year is "Safety On the Go, Vision Zero Our Goal". This campaign aims to reach out to all employees and contractors and bring everyone on board to embrace a mindset that all work-related injuries and ill-health are preventable and a belief that zero harm is possible.

The Opening Ceremony of the campaign was held on 4<sup>th</sup> July 2019 at the PCS Contractors Rest Shed. About 700 attendees comprising complex companies' and contractors' management, complex staff, contractor workers and esteem guests from the Ministry of Manpower, WSH Council, Jurong Island Vision Zero Working Group turned up at the event. It was indeed heartening to see such a good turn out with strong support from the government agencies and the industry workgroups.

Dow Chemical Pacific Country Manager, Mr Paul Fong in his opening address highlighted that Safety is a common ground that binds everyone together despite all the differences. He urged everyone to conscientiously practise safety at all times

*Continued on page 3*



Participants were invited to view the PPE and WSH exhibits

Complex HSE Campaign Program At A Glance		
S/N	Date	Activities
1	4 <sup>th</sup> Jul	Complex HSE Campaign 2019 Opening Ceremony
2	5 <sup>th</sup> Jul	Distribution of Campaign Souvenir
3	8 <sup>th</sup> Jul	HSE Bulletin #1 on Vision Zero
4	11 <sup>th</sup> Jul	HSE Talk #1 on Ergonomics Workshop
5	15 <sup>th</sup> Jul	HSE Bulletin #2 on Slips, Trips and Falls and Quiz Contest
6	19 <sup>th</sup> Jul	HSE Talk #2 on Confined Space Entry
7	22 <sup>nd</sup> Jul	Closing of Quiz Contest
8	25 <sup>th</sup> Jul	Complex HSE Campaign 2019 Closing Ceremony HSE Talk on Total WSH



Continued from page 2

and reach home safe and sound to our loved ones as every personnel has roles to play apart from our day job. Lastly, he summarized their safety commitment in five words – “protect our people and planet” and he reminded us to protect and keep safe of our loved ones including ourselves.

Guest-of-Honour, Ms Kala Anandarajah, Deputy Chairperson from WSH Council in her keynote address elaborated on the Campaign theme “Vision Zero” and urged all to play our part by embracing a

mindset of Vision Zero so that everyone can go home safe and healthy. She also commended the Jurong Island Vision Zero Cluster for initiating a series of activities promoting Vision Zero movement including the recent learning journey hosted by PCS which showcased our WSH programs and best safety practices. She looked forward to see more of such sharing amongst Jurong Island’s companies in the near future. She also shared on “A Word of Care”, an initiative launched by the WSH Council calling upon everyone to show care and concern to those working around us by

simply shouting out “A Word of Care” using colloquial words such as “Uh”, “Eh”, “Oi” and “Bro” whenever we see someone who is about to carry out an unsafe act.

The event ended with three resounding safety cheers from every attendee to reaffirm their commitment in continuously improving safety and health at work.

Throughout the three weeks campaign period, an array of interesting activities and exciting programmes including health and safety talks, bulletins and quiz contest were organised for the Complex employees and contractors.

The closing ceremony was held on 25<sup>th</sup> July at TPC Plant Training room, beginning with a welcome speech by the Chairman of the Complex HSE Campaign 2019 Organizing Committee followed by handing over of the Complex HSE Flag to Denka Singapore (Private) Limited (DSPL) and Ethoxylates Manufacturing Private Limited (EMPL), the organising chairs for Complex HSE Campaign 2020. The event was wrapped up with a talk on Total Workplace Safety and Health (Total WSH) given by Ms Ong Peh Woon from WSH council.



GOH Ms Kala, PCS Management and Complex Companies Management



PCS GMP Er. Lucas Ng and PCS/PCC Working Committee members



Complex HSE Campaign 2019 Organizing Committee

# ROPTC



Low Kah Yi  
Maintenance

The 22<sup>nd</sup> Regional Olefins Producers Technical Committee (ROPTC) meeting was held in Bangkok, Thailand hosted by IRPC Public Company Limited from 24<sup>th</sup> to 26<sup>th</sup> June 19. The theme for this year’s conference is “Digitalization Drives Olefins Forward”.

ROPTC is an association of olefins producers in Southeast Asia that comprised of 8 companies: PT Chandra Asri Petrochemical Tbk (CAP) – Indonesia, IRPC Public Company Limited (IRPC) – Thailand, Petronas Chemicals



Official Launch of 22<sup>nd</sup> ROPTC Conference

Group Berhad (PCG) – Malaysia, Lotte Chemical Titan Malaysia (LCTM) – Malaysia, Petrochemical Corporation of Singapore (Private) Limited (PCS) – Singapore, PTT Global Chemicals Public Company Limited (PTTCG) – Thailand, Siam Cement Group Chemicals Co. Ltd. (SCG) – Thailand and JG Summit Petrochemicals Group (JGSPG) – Philippines. The objective of ROPTC is to share best practices and knowledge among olefins manufacturers in the Southeast Asia countries. 146 participants took part in this year’s conference with 9 delegates from PCS.



Mr. Ng Chee Wai Chairing the Hot Dialogue Session

Continued on page 4





Group Photo at the End of the Conference



Sponsors Giving an Introduction of their Products to the Delegates



ROPTC Conference



PCS Group Photo

The 3 days conference began with 2 different activities on Day 1 – City Tour or Golf Tournament. Daniel Puah represented PCS for the Golf session while the rest of delegates joined in the City Tour. The Golf Tournament was held at Thana City Country Club which was completely redeveloped and rebranded in 2018. Participants enjoyed their time over a friendly game while getting to know one another better.

The City Tour was at Ayutthaya which is an ancient capital and modern city in the Central Plains of Thailand, 85 km north of Bangkok. Founded c. 1350, Ayutthaya became the second Siamese capital after Sukhothai. It was destroyed by the Burmese in the 18th century. Its remains, characterised by the prang (reliquary towers) and gigantic monasteries, give an idea of its past splendour. Delegates had a great time marvelling at the great monuments residing within this UNESCO World Heritage Site. A great lunch consisting of traditional rich Thailand food was served while delegates mingled with one another. After the City Tour and Golf session, participants had a leisure walk at Asiatique The Riverfront while waiting for the river cruise. Dinner was held on the cruise moving along the Chao Phraya River.

On Day 2, the conference started with the Welcome Remark from IRPC President, Mr. Noppadol Pinsupa followed by the Welcome Address by 22<sup>nd</sup> ROPTC Chairman, Mr. Boonchai Chunhawiksit from PTTGC. ROPTC Secretary, Mr. Thatree Saributr, Plant Technical Manager of Olefins Plant 2 from PPTGC presented the benchmarking

results of the participating companies. There were 26 presentations from ROPTC members and sponsors over 5 presentation sessions covering a wide variety of topics ranging from Operation Excellence to Energy and Yield.

Mr. Ho Yeow Hsing presented on “Methanator Temperature Runaway During Catalyst Oxidation”. Mr. Daniel Puah presented on “3-inch Special Jig for C2 Refrigerant Compressor Casing Leaking Nut” while



Golf Tournament Group Photo



Mr. Leonard Chong Singing During ROPTC Party Night

Mr. Low Kah Yi presented on “Implementation of Wireless Limit Switches and H<sub>2</sub>S Gas Detectors in Naphtha Import Facilities (NIF)”. Booth exhibition viewing was also available for participants to gain more insights about the sponsors. The day ended with ROPTC Party Night where delegates had great interaction with their fellow counterparts over drinks and games. Mr. Leonard Chong, Olefin-II Manager, also participated in the singing contest representing Singapore.

On Day 3, the participants were split into 2 groups for plant dialogue discussion. The first group focused on queries with regards to operation and maintenance related to the Hot Section of Ethylene plant whereas the second group focused on the Cold Section. This session helped to address issues raised by various companies. Mr. Ng Chee Wai, Technology & Optimization Manager, chaired the Hot Session Dialogue. The dialogues were good platforms for everyone to clarify their doubts and resolve problems in the process. At the end of Day 3, the baton was handed over to Petronas Chemicals Group Berhad (PCG), who will be the host for the 23<sup>rd</sup> ROPTC conference held in Malaysia.

ROPTC is a good avenue for technical exchange of knowledge and let us look forward to the next ROPTC conference in Malaysia.



Dinner Cruise Group Photo



City Tour Group Photo at Ayutthaya





# World Engineers Summit 2019



Francis Tan  
T&O



Er. Lucas Ng receiving a token of appreciation from Session Chair, Prof Lee Poh Seng flanked by Conference Chair, Er. Prof Lim Kok Hwa



Delegates listening attentively to Er. Lucas Ng's presentation



Speakers Panel Q&A.



Guest of Honour, Minister Dr. Vivian Balakrishnan delivering his opening address

An estimated 800 participants gathered at Suntec City Convention Centre for the 4th Biennial Summit, the World Engineers Summit (WES) 2019 from 28 to 30 August 2019. The purpose of WES is to raise the technical competencies of engineers in Singapore and promote engineering to the community<sup>[1]</sup>. Since its launch in 2013, it has become a global focal point to address challenges arising from climate change and to drive sustainable urban development<sup>[2]</sup>.

The theme for this year summit is **"Engineering Future Cities – Harnessing and Managing Technologies to Improve Quality of Life."** In his opening address, the Guest of Honour (GOH), Dr. Vivian Balakrishnan, Minister for Foreign Affairs, gave a great boost to the Engineering fraternity when he mentioned that Engineers are well appreciated as they are well known as problem solvers.

General Manager (Plant) Er. Lucas Ng Hong Kiang was the track keynote speaker on Sustainable Energy. The title of his presentation was **"Everyday is a Day to Leverage on Technology to Sustainable Energy."** The title was adapted from a Japanese movie "Every Day is a Good Day" (Japanese "日是好日" or Nichi Nichi Kore Konichi) where one can derive a message of each day is different, each and every day gives us opportunity that we have to seize it. Treat each day as a new and maybe, a last day to contribute and serve, never look back to the past failure but move on towards the goal ahead.

In his presentation, GM(P) Er. Lucas Ng shared from the perspective of an industry practitioner who has a great wealth of

experience, on some approaches that can be adopted by the petrochemical manufacturing industry and the likes to support Singapore's resilience to climate change – the goal.

PCS has been proactively leveraging and managing technologies for the achievable operations efficiency including energy & water management and conservation. Recently, PCS had commissioned the Treated Waste Water Recovery Project (TWRP) and Supplementary Indirect Seawater Cooling (Water Conservation) Project for an existing cooling tower.

The immense benefits that the petrochemical industry bring to the humankind today include health care and automobile, medical gloves and synthetic rubber tyres for energy efficient vehicle consumption. The industry continues to make strides in energy efficiency and as the industry matures, the next tier of

Energy Efficiency comes from higher hanging fruits which requires a higher CAPEX with lower IRR.

Nevertheless, the industry is mindful and it is essential to maintain a reliable and resource efficient chemical and petrochemical manufacturing plant to contribute to the reduction of CO<sub>2</sub> emission as time is running out to global warming to less than 1.5°C by 2030 and 2°C by 2050.

Following Er. Lucas Ng's presentation, there were three (3) other presenters. One of them was titled **"Methanol as renewable fuel for future maritime transportation"** by Dr. Liu Ming, Research Lead, Maritime Energy & Sustainable Development, NTU. One of the benefits of research on prospects for alternative marine fuels is to reduce Greenhouse Gas (GHG) emissions such as using Methanol (MeOH) instead of conventional bunker fuel (heavy fuel oil and marine gas oil). Its production can be from bio-mass such as grass, crops known as Bio-MeOH while those from natural gas known as NG-MeOH. Besides GHG emissions reduction, such alternative fuels are cleaner in terms of SO<sub>x</sub> and NO<sub>x</sub> emissions as well. However, each alternative has its own set of challenges such as finding the required land and yield to make it economically viable.

Following Dr. Liu's presentation, there were two (2) presenters who are PhD students of the School of Mechanical Engineering, NUS. One of them presented on **"Design and analysis of a low temperature heat driven ejector based combined cooling & power system"** to recover low level heat below 120°C. About 50% of waste heat is of that temperature so low-grade heat utilisation is a key contributor in the sustainable future.

At the end of the session, there was a series of intrigue questions by members of the audience from industry professionals and polytechnic students. It was a great sign that there is a strong sense of passion and climate change awareness among young people. This bodes well for all of us looking for innovative and sustainable solutions to mitigate climate change.

We need to continue to mitigate and adapt to climate change by adopting the best use of technological solutions such as carbon capture utilisation and storage (CCUS) including digital technology solutions and continuing to work together to overcome engineering challenges<sup>[3]</sup>.

## References

- [1] IES website
- [2] WES 2019 Welcome message in conference programme booklet from Conference Chair, Er. Prof Lim Kok Hwa
- [3] WES 2019 Plenary speaker, Climate change, technology and the future, Summary Slide, By Mr Tan Kok Yam, Deputy Secretary, PMO





One Team One PCS!

# PCS Family Day 2019



Sim Kai Sheng  
T&O



PCS Family Day Theme – "Picnic, Carnival and Sports"



Shrink Art in the Making



Let the Creativity Flow!



100% Focus on the Painting

This year, SSRCC organising committee took on a different approach for PCS Family Day, opting for a carnival style Family Day as compared to previous years. It was held on 1<sup>st</sup> September 2019 at Gardens By The Bay (GBTB), The Meadow.

As a package, tickets for the Flower Dome and Cloud Forest Conservatories were included for staff and family members. The theme for this year was "Picnic, Carnival and Sports" and everyone was encouraged to dress in their colourful sporty attires and bring along their picnic mats to enjoy the greenery in our national garden!

It was heartening to see people streaming in as early as 9am, eager to enjoy their day, and dressed in vibrant sporty attires under the hot sun! Smiles were all over the face as everyone collected their door gifts, especially for the kids, who had a large variety of colouring sets to choose from.

With the introduction from professional emcee Wayne Chua, early bird draws kick-started the series of events that SSRCC organising committee had prepared for the

enthusiastic crowd. This was subsequently followed by the Great PCS Workout to engage the crowd and keep everyone hyped up for the carnival games, which also

included Bouncy Castle, Bubble Soccer, Inflatable Dart, Penalty Shoot-out etc.

Additionally, a series of fringe activities were arranged to entertain crowd of all ages, including Caricature Corner, Shrink Art, Roving Magic with Balloon Twisting, along with kids colouring and drawing contests. Our emcee Wayne did a great job in connecting with the audience, moving around the area to engage everyone and keeping them entertained with his witty sense of humour.

An atmosphere of joyfulness could be felt in The Meadow as staff, family members and friends mingled with each other at the carnival games and enjoyed the magic show in the main tentage. Snacks like ice-cream, churros, popcorn and galaxy drinks were also provided to fill the empty stomach before the commencement of lunch.

Of course, when it comes to the showcase of PCS team effort, nothing could beat one of the main highlights of PCS Family Day



Art Jamming for the Big Picture





I'm Going to Fish for the Biggest Prize!



Entertaining the Kids with Balloon Sculpting

2019 – the unveiling of Big Picture by PCS Managing Director Mr Yonemura!

The Big Picture was hand drawn by our talented artist, James Lean from Quality Control (QC), and individually painted by employees across all functions. Eventually, all these individual pieces were joined together to form a marvellous piece of artwork, depicting the collective effort of PCS employees in the success of PCS!



Magic Show - First Row Reserved for the Kids

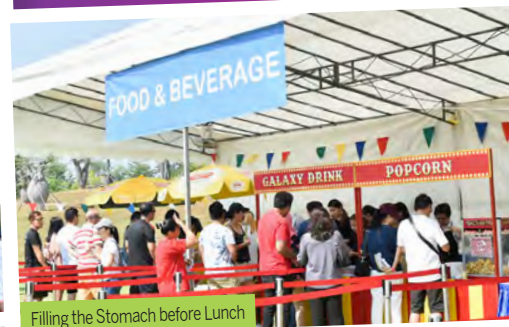
None of these would be possible without the support and dedication of all generations of PCS employees! We could see the sense of accomplishment among participants as the Big Picture was unveiled and many of them could be seen taking photos to capture this proud moment.

The finale after prize presentation for kids colouring and drawing contest was the much anticipated lucky draw and PCS Managing Director Mr Yonemura was once again invited on stage to give away the top prizes. Eventually, all good things will need to come to an end. However, we believe that this Family Day had left a deep impression on those who had attended and made this event a successful one, as well as for the SSRCC organising committee!

As a PCS family, we shall stay united regardless of the future obstacles and we will overcome them as we continue to grow and excel! As always, ONE TEAM ONE PCS!



Thank You for Your Participation!



Filling the Stomach before Lunch



Enjoying the Great PCS Workout



Having Fun with Bubble Soccer



Aim for the Bullseye!



Unveiling of Big Picture by PCS Managing Director Mr Yonemura



Collaborated Effort by PCS Employees



Great for All Ages!



Our Talented Artist James Lean (Second from Left) with DMD Mr Chiew Nguang Yong, MD Mr Yonemura and GMC Ms Lilian Lee



SSRCC Organising Committee, Success!



# Step Forward, Towards Inclusion, Going the Miles for our Less Fortunate - Heartstrings Walk 2019



Loh Sing Keong  
HRA

After a brief “hiatus” PCS was happy to be back on the road again to support Community Chest of Singapore (CCS) Heartstrings Walk (HSW) 2019 @ Marina Bay on Sunday, 4 August 2019.



One for all and all for one, we're all set for the “run”, no walk.



Our management team



PCS flag flying high



Look at our body hugging tees!



Our proud 4km finishers.

Mr A Yonemura said, “Since 1995, PCS was one of the first sponsors and has been a long-term supporter of CCS HSW. For corporate sponsors like us, our efforts remind us that we’re a part, and not apart of the communities we operate in.”

Through this event, CCS raised \$2.56 million. The amount raised will be used to help over 300,000 people, including children with special needs, youths-at-risk, and person with disabilities, lonely and frail elderly and families-in-need.

This time, PCS doubled down with a full management team together with 36 employees and family members. 13 contractors were also invited for the first time to partner us in supporting this worthy cause.

With their distinctive dark grey body hugging tees, our participants gathered at the starting point at 8.15am to welcome the Guest-of-Honour, Mr Heng Swee Keat, Deputy Prime Minister and Minister for Finance who flagged off and joined the walk.

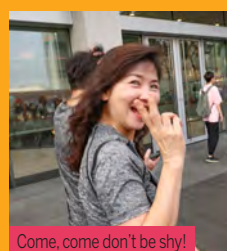
Together with more than 8,000 participants, with PCS flag flying high, we leisurely strolled along the scenic 4 km walk passing through the iconic Helix Bridge, Merlion Park and Marina Bay Sands. After the walk, our participants immersed themselves in the fun-filled carnival of activities, games, live entertainment and even massages to sooth our tired muscles.



MD, Mr A Yonemura receiving a token of appreciation



Smiling all the way

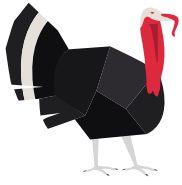


Come, come don't be shy!



Hey, wait for me, ok?



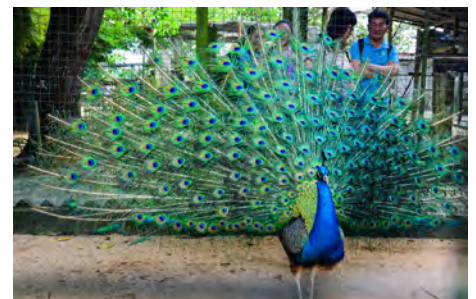


# Day Tour to Johor Bahru (UK Farm & Shopping)



Pauline Lim  
Accounting & Finance

Finally, a long awaited overseas trip after 15 years! A total of 36 people signed up for a fun-filled one-day trip (20<sup>th</sup> July 2019) to Johor Bahru with their journey starting as early as 7am in the morning. After exiting the Singapore and Malaysia customs, we had a scrumptious breakfast at a Chinese Kopitiam in Klang serving a variety of local delicacies, such as Sarawak Kolo Mee stir-fried on high heat, authentic Yong Tau Foo drenched in sweet sauce, and the all-time favourite dim sum.



**W**ell-satiated, at the 7000 acres UK Farm, we were ready to feast our eyes on a variety of animals with up-close and personal experience with birds, goats, rabbits, deer, ostriches, not forgetting farm fowls like chickens, roosters and ducks. What made the trip unforgettable was getting a chance to take selfies with falcon and a Reddish Scops owl; never before has one been able to come up so close with a wild bird!



Children who came along this trip enjoyed feeding goats, not to mention baby goats which literally tore the feeding bottles off the young hands. Overly eager deer licked our feeding hands, completely missing out the feed on palms, leaving us baffled. Female ostriches pecked vigorously on our palms while the male ostriches was gentle; this is largely due to the protective maternal instincts which makes the females more aggressive than the male ostriches.

After a buffet lunch, we got on two colourful converted airy buses on an educational

tour of the goat milking process. We even got a chance to taste goat milk, yogurt and ice cream! At the end of the farm tour, we had fresh fruits like rambutans and passion fruit from their very own orchard.

When we finally got back to the comfort of our air-conditioned coach, we were all ready to shop till we drop albeit after a quick nap. Thanks to our very experienced tour guide who called himself Little Fat, he arranged a very efficient and fruitful route of authentic JB local produce consisting of organic food, Ming An chestnut pastry and quality

snacks from Yoyo. A delicious seafood dinner at Grand Straits Garden replenished our energy for even more shopping at the spanking new Mid Valley Shopping Mall which was just opened in April this year.

This well-planned and exciting trip paved the way for more overseas trips in future which all PCS staff are now looking forward to.



# PCS 5<sup>TH</sup> Golf Tournament

- 18<sup>TH</sup> SEPTEMBER 2019



Charlie Chua  
Engineering

from the blazing sun rays. The sky was hazy and miraculously the greens were clear with wind blowing at ground level. With N95 masks on stand-by, the golfers enjoyed the cool weather and completed all the 18 holes with high spirits with no sweat and stress.

Golf being an outdoor activity, PCS had been blessed with fine weathers for all the previous four tournament years in 2014, 2015, 2017 and 2018 from rainy and hazy weathers. This year being no exception.

To inject some fun and to avoid a competitive game, we maintained the "Honest John Game" where each golfer has to predict his own score before the game and to tally with his final score at the end. Golfer with closest scores (predicted versus final) wins.

The tournament game commenced at 1332hrs and ended at 1800hrs. Congratulations to all winners of "Honest John Game" tournament: 1<sup>st</sup> Position – Lincoln Lee; 2<sup>nd</sup> Position – Leonard Chong; 3<sup>rd</sup> Position – Daniel Puah. In addition, all golfers were also declared winners and were awarded with participation prizes.

The event ended with a wonderful bonding over dinner and drinks at Canopy Café which provides a scenic panoramic view of Central Business District buildings including MBS and Singapore Flyer.

Hailing all colleagues who are unable to join us in this year – do join us next year for another wonderful time of bonding session with fellow colleagues and beginners are most welcome to join us. Be on the look-out for this great and enjoyable event in 2020!

*Wishing all colleagues and their beloveds Blessed, Prosperous and Healthy Year 2020...and Beyond.*



1<sup>st</sup> Flight, Tee-off at 1332hrs



2<sup>nd</sup> Flight, Tee-off at 1340hrs



3<sup>rd</sup> Flight, Tee-off at 1348hrs



Honest Winners – 1<sup>st</sup> position Lincoln Lee; 2<sup>nd</sup> position Leonard Chong; 3<sup>rd</sup> position Daniel Puah



The PCS 5<sup>th</sup> Golf tournament was held on 18th September 2019 in Marina Bay Golf Course (MBGC), with a good turnout from twelve passionate golfers. We were honored to have our MD Yonemura-san to grace the event, including our DMD Chiew-san, GMP Lucas-san and Tezuka-san. It was indeed a memorable time to rekindle our camaraderie spirits to play and socialize together with senior management and

various functions' members who share a common love for the greens.

Due to the prevailing wind conditions, the week leading to the event had experienced a period of dry and hazy weathers. On the tournament day itself, haze PSI was hovering around 118-130 within the allowable of 150 set by MBGC Haze Management Guidelines. The haze had provided a layer of protection shielding us

## Employee News

### LONG SERVICE

Presentations on 8 & 12 July 2019



#### 10 Years

Chee Guo Liang Olefin-II

#### 15 Years

Sie Yeu Keut Olefin-II

#### 30 Years

Bernard Leong	HSE
Ang Chong Eng	Olefin-I
Cheng Jiew Boon	Olefin-I
Kwoh Lai Soon	Olefin-I

#### 35 Years

K Karthikeyan	QC
Boo Kim Hock	T&O



From left : Bernard Leong, K Karthikeyan, Lucas Ng (GMP), Chee Guo Liang, Kwoh Lai Soon, A Yonemura (MD), Chiew Nguang Yong (DMD) & Lilian Lee (GMC)



From left : Boo Kim Hock, Ang Chong Eng, Lucas Ng (GMP), Cheng Jiew Boon & Sie Yeu Keut



# Indoor Laser Tag



Low Kah Yi  
Maintenance

Indoor Laser Tag was held at LaserOps on 17<sup>th</sup> August 19. There were 35 participants from various functions joining in for a fun and relaxing time. Before the start of the games, participants were briefed on the ground rules of the games and reminded that safety is of upmost importance.

The Laser Tag games were split into 3 separate rounds:

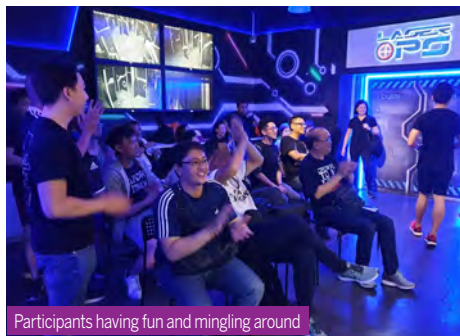
1. Standard Solo – Everyone was on his own and the person with the highest kills wins.
2. Team Tag Match – Members were split into 3 different teams: red, blue and green. The team with the most kills wins.
3. Standard Team Challenge – Members remain in their same respective teams as per the team tag match. However, there is an added challenge of destroying the team's base which earns significantly higher points.



Entire group photo



Certificate for the Best Team Award



Participants having fun and mingling around

As we have a sizable group, we were split into 2 subsections for gameplay. The venue is a cosy environment where everyone is able to mingle around and relax while waiting for the other team to finish playing their round. Participants also took this golden opportunity to chit chat and get to know one another better, some of whom we hardly meet during our daily work.

The laser tag event allowed us to relive our childhood games of shooting rubber bands and chasing. It is also a healthy event where we get to move around while trying to avoid the other teams. Participants had fun

jostling with their laser guns and fumbling to catch hold of their targets. The event ended off on a joyous note where the top team and sharpshooter were awarded certificates to commemorate their participation in this laser tag event.

Through this laser tag event, members were able to have fun while achieving the objective of team bonding and healthy lifestyle through exercise. It was an enjoyable session and SSRCC hopes to see everyone at the various upcoming events we have this year.



Group Photo for Team 1



Group Photo for Team 2

## HEARTIEST CONGRATULATIONS marriage



NAME	FUNCTION	SPOUSE
Abdul Raimi bin Abdul Rahim	Olefin-II	Ms Fatin Nur Izzati bte Mohamed Johari
Sri Zulaikha bte Riduan	Quality Control	Mr Muhammad Hazwan bin Azhar

## births

NAME	FUNCTION	NEW BORN
Tey Tai Keat	BDP	Girl
Chen Yizhang	Olefin-I	Boy



# City Hopping



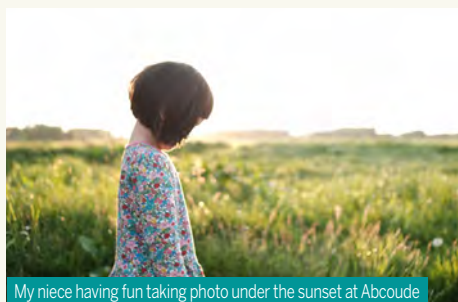
Wong Kang Choon  
Olefin-II



London sky view



Vacation in Brussels, London and Amsterdam is not an uncommon idea for beginners to European travel. Since we had secured return flight tickets to Amsterdam with layover at Helsinki for only SGD 800 plus per person, we decided to spend more time in Netherlands and explore the nearby cities other than Amsterdam.



My niece having fun taking photo under the sunset at Abcoude

London is such a huge city to see, and with so many things to do; from museums to markets, theatres to stadiums, parks to pubs. 5 nights' stay with another one day trip to Cambridge is definitely not enough to cover it all, which make it the destination that I wish to visit again other than Japan. The city's museums and galleries are one of the best bargains as many are free to enter. After all, you can't go all the way to London without spending your time in the British museum. This giant museum houses one of the most comprehensive art, cultural and historical collection in the world. I could literally spend days exploring every nook and cranny if I had more time here! Besides that, we also went to the natural history museum and the V&A museum.



Grand place in crystal ball!



Punting along the River Cam

After we touched down at the airport around midday, we took the direct train to Brussels. It turned out that to kick-start our journey at the city center of Brussels is a great idea to recover from jet lag. We strolled around the quaint streets with waffles in hand and ended our first day with 'mussels from Brussels' as dinner, before getting a good night sleep. Just like waffles, no visit to Brussels is complete without a belly filled with chocolates, frites and Belgium beers. Before we left the city, we made sure that our luggage filled with chocolates too.

the Gonville & Caius hall with fellows and students. It was such a precious experience as Stephen Hawking used to be the fellow of Caius College! Without my friend, we won't be able to experience all of these at all.

Since staying at the city centre of Amsterdam is so expensive in which one night stay can be as expensive as staying at the Capitol Kempinski, we decided to stay at a farmhouse at Abcoude, a countryside about 20 km away from Amsterdam. One would argue that why we stay at countryside where you would get the same experience back in Malaysia. But for me, having a childhood in countryside, this type of place always holds a significant part in my life. Cycling back home with the view as shown from the photo does remind me happiness can be as simple as such harmonic relation between humans and nature, which is more than the happiness we seek from materialism and consumerism. From Abcoude, we then embarked on a self-drive day trip to the Hague and Utrecht. Lastly, we ended our journey at Amsterdam.



Feel like Harry Potter to dine in Caius hall!

Day trip to Cambridge is my favourite part of the journey as we manage to spend lesser for better experience! One of the most popular tourist activities is punting along the River Cam. The cheapest option is to share a boat with a number of tourists which will cost 20 pounds per person. But thanks to my friend who is currently studying PhD in Cambridge, we managed to save more than the cheapest option by renting a boat from college for only 11 pounds. Moreover, we are able to punt on our own! Apart from visiting the famous King's college chapel, we managed to visit St. John, Trinity (where PM Lee is such a famous alumni among students here as he still holds the highest math score in exam according to my friend!) and walked across the bridge of sighs for free! Lastly, we ended our day trip with formal dinner in



Typical Amsterdam city view