



Chartered Engineers Pacific (CEP)

a.k.a. Western Canada Group of Chartered Engineers

Minutes of CEP Committee Meeting Held on June 17th, 2020

Venue: Video-conference at individual members' homes and various locations in observance of physical distancing restriction due to COVIG-19.

Venue: MS Teams; Link: .

Item	Description	Action by
1	<p>Special request. The secretary made a special plea to members by asking everyone to speak clearly, in moderate volume and directly at the microphone. It was difficult for him decipher the recording at the previous videoconference.</p> <p>Welcome The Chairman opened the meeting at 5:04 pm by welcoming everyone present. He was indeed thankful that our Province has done well in combatting the viral pandemic.</p>	ALL
2	<p>Attendance Ten participants were recorded in attendance of this videoconference. They were: David Harvey (DH), Matthew Walton-Knight (MWK), George De Ridder (GDR), David Woo (DW), Suresh Vishwakarma (SV), Douglas Yee (DY), Zeeshan Khan (ZK), Arlene McConnell (AMc), Lewis Judd (LJ), Michael Immaraju (MI)</p> <p>Apologies Four apologies for absence were received. They were Alan Wood (AW), Chris Richardson (CR), Prafulla Chavan (PC) and Walton Lu (WL).</p> <p>The meeting was duly constituted as more than the minimum number of six members were in attendance</p>	DY
3	<p>Setting the Agenda The agenda was adopted with two additions:</p> <p>3.1 Item 10.1- Celebration of "International Women in Engineering Day" on June 23rd, 2020.</p> <p>3.2 Item 10.2- CEP virtual conferencing platform.</p>	

Item	Description	Action by
4	<p>Approval of Previous Minutes Minutes of 2nd videoconference in May 20th, 2020 were circulated. No comment or objection was received. Approved as tabled, without corrections or objections. Proposed by GDR, seconded by ZK, no objections; MOVED and CARRIED.</p>	
5	<p>Matters Arising from Previous Minutes</p> <p>5.1 IET(ON) / IET (VAN) – Proposed joint discussion on sustainability was held in abeyance pending further discussions.</p> <p>5.2 IET150 Global celebration event. In planning stage and in need of volunteers. A team of IET members has formed a subcommittee to organize the work with other CEP members providing background support. Subject to duration of pandemic, the event has been scheduled to take place on November 14th, 2020.</p> <p>5.3 IMechE’s condition for using MS Teams as their sole platform for communication is unsuitable to diverse groups like CEP. DY proposed the matter closed. Seconded by MWK, no objections; Moved & Carried.</p>	<p>SV</p> <p>SV, MI, LJ & AMcC</p>
6	<p>Technical Program</p> <p>6.1 The names of confirmed/potential presenters through 2020 are shown on Schedule of Events under ENCL: A which is updated monthly.</p> <p>6.2 June 17th webinar was scheduled in the evening at 7:00 pm. A dry run to test MS Teams had been scheduled with the presenter. He also kindly permitted the edited version of the presentation be mounted on CEP’s website for download.</p> <p>6.3 Several participants have already requested copies of above webinar recordings. CEP will likely complete editing the recording in about two days whereby it would be returned to the author for checking and release.</p> <p>6.4 September 23rd presenter is confirmed. The topic and title of presentation are to be confirmed. This required a follow-up reminder nearer the presentation date.</p>	<p>DW/SV</p> <p>DW/LJ/GDR</p> <p>LJ/DW</p> <p>DW</p>

Item	Description	Action by
	<p>6.5 Similarly, October and November presenters need follow-up but still early days yet and no need for urgency.</p> <p>6.6 CEP should begin to look for a keynote speaker for the AGM and members are asked to identify and arrange one.</p> <p>6.8 A general request to find Year 2021 potential presenters has also been declared.</p>	<p>DW</p> <p>ALL</p>
7	<p>Finances</p> <p>7.1 Overview</p> <p>7.1.1 Current account balance C\$14,643.08</p> <p>7.1.2 Cashable lockout account reserve 5,000.00</p> <p>7.1.3 Membership 132.70</p> <p>7.2 Approved Expenses</p> <p>7.2.1 Approved unpaid expenses for DY 74.89</p> <p>7.3 Unfinished Business</p> <p>7.3.1 Owed amount of \$130. GG to receive a phone reminder.</p> <p>7.4 Artificial Intelligence Seminar account to IET – UK. Amount of C\$687.56 owed to UK has been remitted. London appears to require a credit note.</p> <p>7.5 Since CORVID-19 hit, and social lockdown with physical distancing began some three months ago, CEP has held three videoconference meetings without any outgoing expenses. This has resulted in some \$3,000 savings during this period.</p>	<p>ZK</p> <p>MWK/ZK</p> <p>ZK</p>
8	<p>Newsletter</p> <p>The 2019 - Vol 2 edition was renamed 2020 – Vol1. This is because of the 6 months delay that caused it to be finally published during June 2020. It was completed through the efforts of GDR (editor) and AW (assistant editor). Much thanks to both that it has been published on CEP website and directly to members through the individual Institutions’ email network.</p> <p>ICE members have not received the newsletter through their Institution although they receive their Technical Notifications through the same channel. ICE should be informed about this oversight.</p>	<p>GDR</p>

Item	Description	Action by
9	<p>Website Normal Maintenance and updating is ongoing</p>	GDR
10	<p>New Business</p> <p>10.1 Celebrating “International Women in Engineering Day” on June 23rd, 2020. The possibility of holding a small presentation by a female presenter on “Role of Women in Engineering World Today” was discussed. Time was too short to properly organize an event between now (June 17th) and June 23rd and it was deferred to next year.</p> <p>10.2 CEP Virtual Conferencing & Webinar Platform. CEP has decided to adopt Microsoft Teams for virtual meetings. LJ has kindly volunteered to be the host but he will only be able to provide the link at short notice before each meeting. We should also be thinking how to arrange spaces with potential loosening of restrictions.</p> <p>10.3 July 18 Appreciation Event. Consideration was given to replacing this event with a presentation. However, we need not keep up having a presentation every month and should leave July free to refresh ourselves for next year.</p> <p>10.4 CEP’s LinkedIn account is inactive. LJ and AMc have each taken over responsibility to post and publicize CEP activities on LinkedIn and Twitter, respectively. CEP’s twitter account is active and populated continuously by the parent Institutions.</p> <p>10.5 IET International Essay Competition. IET proposed to arrange an International essay competition on the topic ‘Sustainability’ as companion activity to the IET150 celebratory year. SV undertook the task to arrange the competition under CEP identity. By inviting competitors globally, there is concern that CEP might be overstepping its membership region. SV will submit a strategy and a draft ‘Invitation Notice’ for review by the Committee. Discussions to continue in next meeting.</p>	<p>SV/AMcC</p> <p>LJ</p> <p>LJ/AMc</p> <p>SV</p>
11	<p>Next Meeting Scheduled for September 23rd, 2020. Venue and format of the meeting to be confirmed.</p>	Secretary
12	<p>Adjournment Meeting adjourned at 6:45 pm. Proposed by DY, seconded by MI. Carried</p>	

Version	2.0
Date	22 June 2020
Author	Preetam Singh, Toronto LN
Status	Detailed proposal for discussion
Change	Complete Update

Background

Climate change and environmental sustainability is a growing global concern, with the scientific community and UN Intergovernmental Panel on Climate Change (IPCC) recommending a limit to a 1.5°C rise in global temperatures from pre-industrial levels.

Climate Change is the defining issue of our time and we are at a defining moment. From shifting weather patterns that threaten food production, to rising sea levels that increase the risk of catastrophic flooding, the impacts of climate change are global in scope and unprecedented in scale. Without drastic action today, adapting to these impacts in the future will be more difficult and costly.

Climate change and the threat to the environment, a direct result of the industrial revolution and recent technological innovation, is therefore a chief concern of the engineering and technology community worldwide. The IET, as the largest global engineering organisation, is taking cognisance of the issue and needs to put structures in place to work with Government, industry, academia and technical professionals, to find innovative solutions and indeed, to change the way the engineering profession operates.

There is alarming evidence that important tipping points, leading to irreversible changes in major ecosystems and the planetary climate system, may already have been reached or passed. Ecosystems as diverse as the Amazon rainforest and the Arctic tundra, may be approaching thresholds of dramatic change through warming and drying. Mountain glaciers are in alarming retreat and the downstream effects of reduced water supply in the driest months will have repercussions that transcend generations.

Business Case

Whilst a pressing issue with serious consequences and therefore there being a moral need for urgent action, there is also **significant opportunity** in leading a **green industrial revolution**, which will create new jobs and bolster **emerging sectors** of the economy and creating new opportunities for green-centred growth. Alongside a rapid shift towards changing energy use, green construction and transport and manufacturing, **all the engineering professions are stakeholders**. Going forward, there is **urgent need for multi-disciplinary collaboration**, both towards **setting policy** and in **innovation**. An **interdisciplinary event** will bring together experts from all engineering professions, industry, Government, First Nations and consumer groups to **understand and tackle challenges, network** and forge **collaborations**.

Relevance to British Columbia and Chartered Engineers Pacific (CEP)

Within Canada, **British Columbia** is seen as an **emerging global hub** for a future **green revolution** and there is growing support for this from the provincial and federal governments and the engineering community, as well as a growing green-oriented and ethical consumer preference on the West Coast. The **collaborative nature of CEP** makes this a particularly **rich opportunity**, as **sustainability is multi-disciplinary** and there is significant **relevance to all the Institutions** within CEP; from green buildings and construction carbon accounting (**ICE, CIBSE and IStructE**), manufacturing and transport (**IMechE**) and Renewable Energy (**IET**). **All Institutions** will have a stake in the likes of carbon capture, resource sustainability, supply chain ethics and consumer behaviour, and especially need to work together towards a Green Roadmap and in policy, regulation, which is **very interdisciplinary**.

Contribution from IET Toronto LN

The IET Toronto LN has sustainability on its agenda, with events planned in coordination with universities and engineering organisations in 2020 and has **expertise** to offer in terms of **Speakers** and **organisation**, as well as in **marketing**.

Proposal for Event

It is proposed that a **half day workshop**, be held in Vancouver, British Columbia in the latter part of 2020, comprising of a plenary session with globally renowned experts following by a panel Q&A, and networking over tea/light buffet, to discuss challenges and create innovative solutions.

It is hoped that this event will pave the way for this to become an annual flagship IET event (like the Global Engineering Challenge) and also could attract support as an official international IET conference in future years, with participation from the academic community.

Technical Scope

Potential technical areas of interest may include:

- Green industrial revolution: A Roadmap
- Policy, regulation and interdisciplinary collaboration
- Renewable energy and solutions for remote, rural and indigenous communities
- Green buildings
- Carbon capture
- Transport, agriculture and manufacturing: Towards zero emissions
- Resource sustainability
- Supply chain ethics
- Consumer behaviour

Potential Speakers and Delegates

Note: Given the sustainability theme and COVID-19 and budgetary limitations, it is envisaged that for 2020, speakers will be regional/national and International speakers will be able to dial in using the latest Video Conferencing technology. Delegates will also be able to watch a live stream wherever they are.

- Industry professionals, particularly in the fields referred to above
- Manufacturers and trade associations
- Government and third sector organisations

- First Nations (who ought to be invited as a matter of protocol; the Pan-Canadian Framework on Clean Growth and Climate Change 2017 asserts the requirement to involve indigenous groups and to respect and “*the importance of Traditional Knowledge in regard to understanding climate impacts and adaptation measures*”)
- Academics and researchers
- IET and other professional institution members
- Estimate: 30-50 delegates

Budget

Note: For the purposes of IET Budget rules regarding event location, this would be a CEP event.

- Conference facilities for a half day event and AV equipment c. \$250
- Beverages and light buffet lunch (non IET members to pay a fee) \$750
- Marketing and printing of materials (handouts, banner, badges, etc) \$150
- Mileage, parking fee, and volunteers' expenses \$200
- Accommodation for 2x speakers \$500
- Transport for local speakers and First Nation speakers and delegates \$500

Minimum budget is \$1750, excluding local speaker travel. A **corporate sponsor** may be found for this purpose. IET Toronto will cover the cost of speakers travelling from its region. The event will be **free to attend**, whether in person or online.

Event Organisation

- Event organisation and logistical coordination by CEP
- Event planning, marketing and invitation of speakers delegates by CEP and IET Toronto

Timescale and Plan

- Event ideally to be held in late 2020 and possibly later, dependant on COVID-19 restrictions
- July-August 2020: Start inviting speakers, fix date and seek corporate sponsor, publish event outline
- September-October 2020: Confirm speaker list and promote
- November-December 2020: Event

References

<https://www.un.org/en/sections/issues-depth/climate-change/>

<https://www.canada.ca/en/services/environment/weather/climatechange/pan-canadian-framework.html>

Key contacts

Dr. Suresh Vishwakarma

P.Eng, CEng, MIET, MBA, PhD

IET Representative - Western Canada, CCA Member, IPRA

Chairman, Chartered Engineers Pacific

ietrepresentativewesterncanada@gmail.com

Preetam Singh

BEng, MIET, CMgr, MCMi

Sustainability and management consultant

IET Senior Advisor, Toronto LN (formerly London LN and co-creator of the IET Global Engineering Challenge)

preetam.singh@icareconsultancy.com

ENCL: D



PCET'S
PIMPRI CHINCHWAD COLLEGE OF ENGINEERING, PUNE
DEPARTMENT OF COMPUTER ENGINEERING
PRESENTS



INTERNATIONAL WEBINAR SERIES

IN ASSOCIATION WITH

IET WOMEN IN ENGINEERING (WIE) PUNE LN

CHIEF CONVENER

Dr. G. V. Parishwad
(Principal, PCCOE, Pune)

Dr. N. B. Chopade
(Dean Academics, PCCOE, Pune)

CONVENER

Dr. K. Rajeswari
(HOD, Computer Engg.)

Dr. D.N. Sonowane
(Chairman, IET Pune LN)

SDW COORDINATOR

Mr. Rahul Patil
(Asst. Professor, Computer Engg.)



Speaker Name: Dr. Sanjeevikumar Padmanaban
(Aalborg University, Denmark)

Topic: Power Electronic Converter in EVs and Renewable
Date: Wednesday, September 2nd 2020



Speaker Name: Dr. Marco Giordani
(Department of Information Engineering,
University of Padova, Italy)

Topic: The Potential of Millimeter Waves for Future 5G
Wireless Networks
Date: Tuesday, September, 8th 2020



Speaker Name: Samantha Deoraj
(Territory Manager at Nexsys, Canada)

Topic: Application of Artificial Intelligence & Internet of Things
in Optimizing Performance & Management of Wastewater
Treatment Plants
Date: Saturday September 19th 2020



Speaker Name: Arlene McConnell
(Systems Engineering Manager at OSI Maritime
Systems, Richmond, British Columbia, Canada)

Date: Wednesday, September, 26th 2020

[Register now](#)

Form Link: <https://forms.gle/hYUGcSEt7axk1MRw5>

CONTACT DETAILS

Mail ID: pccoe.iet.on.campus@gmail.com

Contact No.: 9359109196

ORGANIZING TEAM

Dr. Madhuri Joshi
(Incharge, IET WIE Pune LN)

Dr. Anuradha Thakare
(Secretary, IET Pune LN
Incharge, PCCOE IET On Campus)

Ms. Anagha Chaudhari
(Joint Secretary, IET Pune LN)

Mr. Kapil Tajane
(Y.P. Treasurer, IET Pune LN)

COORDINATION TEAM

Yash Vibhute
(Student Chairman)

Parth Shrivastava
(Student Co-Chairman)

Akash Biyani
(Student Secretary)

ENCL: E



Thu 2/27/2020 1:32 AM

Mary Newton <Mary.Newton@IMECHE.org>

RE: Request for Forth tranche: Western Canada Group

To Zeeshan Khan; Kevin Manning

Cc george@gdrstruk.ca; Accounts Payable; 'Douglas Yee'

Dear Zeeshan,

I hope all is well,

Apologies for the delay in confirming your 2020 Budget allocation.

I am still waiting on the membership stats from IET and CIBSE, I sent a chaser email 2 days ago but will follow up once again.

As soon as I have their membership stats I will be able to advise.

Regards,
Mary

Mary Newton
International Operations Executive

Institution Of Mechanical Engineers
1 Birdcage Walk
Westminster
London SW1H 9JJ
<http://www.imeche.org>

T 02073046964

F

E Mary.Newton@IMECHE.org



ENCL: F

RE: Request for Forth tranche. Western Canada Group

1 message

Mary Newton <Mary.Newton@imeche.org>

Thu, Aug 27, 2020 at 7:47 AM

To: Zee Khan <treasurer@charteredengineerspacific.ca>

Cc: george@gdrstruk.ca <george@gdrstruk.ca>, Douglas Yee <busnac.v5y@gmail.com>

Dear Zeeshan,

I hope you are keeping well.

My sincere apologies for overlooking this email.

Please note your Q2 funding has yet to be processed.

In light of the current pandemic we would like to get a better understanding of the activities that have taken place during the last few months.

Before releasing your Q2 funding could you please advise what activities the CEP have had and any expenses incurred?

Apologies once again for not following up earlier.

Regards,
Mary

Mary Newton
International Operations Executive

Institution Of Mechanical Engineers 1
Birdcage Walk
Westminster
London SW1 H 9JJ
<http://www.imeche.org>

T 02073046964

E Mary.Newton@IMECHE.org

Improving the world through engineering

[Quoted text hidden]
[Quoted text hidden]