



Chartered Engineers Pacific (CEP)

aka Western Canada Group of Chartered Engineers

Minutes of CEP Committee Meeting November 20, 2019

Venue: Accent Inns Burnaby

DRAFT

Item	Description	Action
1	<p>Welcome: The Chairman opened the meeting at 5.10 pm and welcoming attendees of the Committee meeting. A special welcome and introduction of guest Prof Dr. Joyanta Kumar Roy (Chairman IEEE CAS Kolkata Chapter, India).</p>	
2	<p>Attendance: Eight members attended: Alan Kay (AK), Alan Wood (AW), David Harvey (DH), George De Ridder (GDR), Zeeshan Khan (ZK), David Woo (DW), Matthew Walton-Knight (MWK), Suresh Vishwakarma (SV). <u>Apologies</u> of absence from meeting were received from: Arul Raja (AR), Ciaran Clarke (CC), Chris Richardson (CR), Graeme Green (GG), Douglas Yee (DY), Prafulla Chavan (PC), Walton Lu (WL) Meeting was duly constituted as more the minimum number of six members were in attendance.</p>	
3	<p>Setting of Agenda: The Agenda was adopted without additions.</p>	
4	<p>Approval of Previous Minutes: The draft Minutes of the last Committee Meeting on October 23, 2019 were approved as tabled, without corrections or objections. Proposed by DH; seconded by MWK, no objections; MOVED, CARRIED.</p>	
5	<p>Matters Arising from Previous Minutes:</p> <p>a) <u>IET/IMechE/CEP seminar</u>, Langara College, previous minutes 5a): Date is January 18, 2020 at Langara College Vancouver. Three speakers will come from outside Canada. Final budget of Ca\$4,150 was approved, proposed by ZK and seconded by GDR. Refer Enclosure A. Free attendance by pre-registration. Refer promotional flyer on CEP website</p>	SV

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	<p>https://charteredengineerspacific.ca/all-events/events/108-2020-01-18 Event is presented under auspices and sponsorship of IET, IMechE and CEP coordinated by SV.</p> <p>b) <u>Banner upgrade</u>, previous 10 b) The CEP banner will be upgraded with new logos from IET and IStructE. IET sponsored UK£300 to be spent and received by December 31, 2019.</p> <p>c) <u>Outreach to students and young professionals</u>, previous 10b): AK is looking into options.</p> <p>d) <u>Candidates for CEP-2020 Committee</u>, previous 10a): SV, GDR MWK has contacted potential candidates without firm results. The nominations list is due from the Chair by AGM in February 2020.</p> <p>e) <u>CCA meeting on November 11, 2019 in Houston</u>, previous minutes 10b):_SV and ZK attended the meeting as elected councillors. Refer Report ENCLOSURE B</p>	<p>GDR</p> <p>AK</p> <p>SV</p>
6	<p>Technical Program:</p> <p>a) <u>2019 Program</u>. No discussion – program completes on November 20, 2019 <u>Post Meeting notes on Technical Meeting November 20, 2019:</u> Speaker Prof. Dr. J.K. Roy (FIETE, MIET, SMIEEE, FIWWA), Chairman IEEE CAS Kolkata Chapter, India presented an illustrated overview of a current urban water supply management (automated measuring & control) serving a region of about 1 million people In Kolkata India. Speaker described the use of cutting-edge application of modern software tools like , SCADA, PLC, IoT, Block chain, cyber security, artificial intelligence and more. The features of smart water supply, role of wireless sensors, actuators and measurement technologies were explained.</p> <p>Prof. Roy shared his experience through three case studies of Smart Water Supply Schemes about technical specification, outcome of the projects, design features, pictures of different installations, a video presentation of real time data and control systems of recorded GIU pages of HMI (Human Machine Interface), and monitoring data of plant and process parameters through laptop, tablet, mobile, desktop computers anywhere and anytime. Prof. Roy also discussed role of Data Analytics, Industrial Internet of Systems in minimisation of Non-Revenue Water and DMA implementation to conserve water from water leakage and theft.</p> <p>A summary of the topic with slides will be soon available on CEP website. An audience of 12 participated with questions. CEP members in attendance by show of hands: IMECHE=1, IET=5, ISTRUCTE=2, ICE=1, CIBSE=0, others = 3</p> <p><u>2020-Program:</u> Six technical events are planned, plus AGM plus two social events in January and July. ENCLOSURE C. Speaker vacancies for March, May, October and November 2020.</p> <p>b) <u>Members dinner January 22, 2020</u>, previous minutes 6b): Budget \$1500 net, 20 paying participants @ \$65 p.p. Guest speaker: Mr. Don Kennedy bridge</p>	<p>DW</p>

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	<p>engineer, receiver of EGBC gold medal agreed to present an after-dinner speaker about a topic to be confirmed; venue: Hart House restaurant Burnaby.</p> <p>c) The AGM-2020 is arranged on February 19 at the Accent Inns Meeting Rooms. No guest speaker.</p>	
7	<p>Finances</p> <p>a) <u>Overview</u></p> <ul style="list-style-type: none"> i. Current account balance May 14, 2019= \$ 16,783 ii. Cashable lockout account reserve = \$ 5,000 (in addition to i) iii. Membership (in addition to i) = \$ 128.72 <p>b) <u>Approved</u> expense claims, proposed by MWK and seconded by DW, unanimous approved MOVED, CARRIED, all the following:</p> <ul style="list-style-type: none"> 1. Pre-approved by email: Non 2. Provisional \$1200 for November 20, 2019 meetings; <i>Post meeting note: actual invoice paid to Accent Inns and printing of Agenda, claimed by GDR was \$ 1,197.17</i> 3. Provisional for travel expense claims by AK: \$120; 4. New submissions: Non <p>c) <u>Q3-2019</u>: Submitted by ZK on October 09, 2019, no receipts yet</p> <p>d) <u>Q4-2019</u>: Submission is due by mid-December 2019.</p> <p>e) <u>2020 Budget</u>: ZK has submitted approved budget-2020 to IMechE on Sept 26, 2019; no response yet received from IMechE.</p>	<p>ZK</p> <p>ZK</p>
8	<p>Newsletter:</p> <p>a) Vol -2019: due January 22, 2020</p>	
9	<p>Website:</p> <p>The 2020 Events Schedule, past Minutes of Meetings and Event Notices are uploaded continuously.</p>	GDR
10	a) No discussion.	
11	<p>Next Meetings:</p> <p>Next Committee Meeting is on March 25, 2020 at 5:00 pm at the Accent Inns Meeting Rooms, Henning Drive, Burnaby followed by a presentation to be announced.</p>	ALL
12	Adjournment: Chair closed the meeting at 6:30 pm.	

Minutes by GDR, November 20, 2019

ENCLOSURES

A – SEMINAR BUDGET – AI-JAN 18, 2020

B - CCA MEETING NOV 11, 2019, HOUSTON, REPORT

C – CEP EVENTS SCHEDULE 2020

Enclosure A – SEMINAR BUDGET ARTIFICIAL INTELLIGENCE JAN 18, 2020

As required by the Committee Meeting of October 23, 2019, below is the proposed Income and Expenditure budget for the AI seminar and SOfE Regional Finals on January 18, 2020 in Vancouver, BC:

Proposed Income			
Sr.	Item	Amount	Remarks
1	CEP's contribution	CAD 1500	Funds received
2	IET's contribution	CAD 2000	Funds received
3	IMechE SOfE Regional Final funds	CAD 650	Funds approved and under transfer
Total Income		CAD 4150	

Proposed Expense			
Sr.	Item	Amount	Remarks
1	Hiring equipped seminar room	Nil	Equipped venue will be free-of-charge
2	Lunch, coffee, and snacks	CAD 1500	For speakers, participants, and guests
3	Local transport / mileage of speakers	CAD 150	Cab charges, mileage, parking etc.
4	2 nights' accommodation of speakers	CAD 1000	Limited to three outstation speakers
5	Volunteers' expenses	CAD 900	Mileage, parking, food, snacks, etc.
6	Stationery and printing charges	CAD 300	Agenda, seminar brochure, certificates
7	Marketing & communication	CAD 300	Banner, badges, phone, memento etc.
8	Travel grant to outstation speakers		To be paid from sponsorship amount
Estimated Seminar and SOfE Expenses		CAD 4150	Cost per participant approx. CAD 100

Dr. Suresh Vishwakarma, Event coordinator.

Enclosure B – IET-CCA MEETING NOV 11, 2019, HOUSTON, REPORT

As discussed during the recent committee meeting on Nov 20, item 5e) the following brief report summarizes my participation in IET-CCA meeting Houston on Nov 8, 2019.

As a member of **IET's Communities Committee - Americas**, CEP's Chair Dr. Suresh Vishwakarma attended the CCA meeting in Houston on Nov 8, 2019. The CCA members discussed about the critical challenges on the Local Networks (LNs) in the

region. CCA activities across the LNs were also discussed. Dates and venues of 2020 CCA meetings and PATW finals were finalized. A call was made for 2020-2021 LNs' annual budgets. A consideration for budget for CCA Chair or designee to participate in LN meetings / activities at LNs where CCA is not meeting that year. Activities and opportunities on commencement of IET's 150 years were discussed. CEP Chair had requested to waive off CCA's condition of charging registration fee from the AI seminar registrants since that would mandate paying rent for the venue and charges for associated services. After careful consideration, CCA committee waived off charging registration fee for AI seminar. CEP Chair also thanked CCA Chair for visiting Vancouver in Sep 2019 and meeting CEP executives.

Dr. Suresh Vishwakarma P.Eng, CEng, MIET, MBA, PhD

IET Representative - Western Canada, CCA Member, IPRA
Chairman, Chartered Engineers Pacific.

Enclosure C – CEP EVENTS SCHEDULE 2020

Date	Venue	Tech Meeting at 7 pm Subject - Topic	Presenter	Status
January 22, Wednesday	Hart House restaurant, Deer Lake, Burnaby 6 pm	Annual Members Dinner.	Guest Speaker: Mr. Don Kennedy P. Eng. receiver of EGBC Gold medal-2019.	Confirmed
February 19, Wednesday	Accent Inns Meeting Rooms	AGM	Chair CEP	Confirmed
March 25, Wednesday	Accent Inns Meeting Rooms	TBC	Daniele Bortoli	Confirmed
May 20, Wednesday	Accent Inns Meeting Rooms	TBC	Vacant	Pending
June 17, Wednesday	Accent Inns Meeting Rooms	TBC	Vacant	Pending
July 18, Saturday	Hart House Restaurant, Deer Lake, Burnaby 7 pm	Appreciation Dinner	Chair /Events coordinator CEP	Confirmed
September 23, Wednesday	Accent Inns Meeting Rooms	TBC	Jovan Kovacevic	Pending
October 21, Wednesday	Accent Inns Meeting Rooms	TBC	Vacant	Pending
November 18, Wednesday	Accent Inns Meeting Rooms	TBC	Vacant	Pending

Technical meetings commence 7:00 pm, following Committee Meeting at 5:00 pm. Additions and amendments to the above schedule along with details on individual functions will be distributed via email and posted on our websites www.wcgce.org.ca