

Alberta Chapter

Chapter Meeting Minutes: March 16, 2017 at the University of Calgary Engineering Building G Room ENG 401 South side of 32nd NW on main campus.

Lot 22 for hourly public parking stalls.

U of C interactive finder: <http://ucmapspro.ucalgary.ca/RoomFinder/>

Parking: https://www.ucalgary.ca/openhouse/files/openhouse/map_21.pdf

12-1:30pm 2017 AGM Host Committee Lunch Meeting: Room ENG 401. Well done.

1-4pm Proctored Certification Testing was in Room ENB 408: Participants had registered on website with the Executive Director for desired test to obtain their link and passwords. Testers came prepared as per Andy's instructions, laptop, etc.

Meeting called to Order: 1:30pm by Chapter Vice President Greg Poirier: Recognizing Qiao Sun Ph.D., P. Eng., and the Mechanical Engineering team and the U of C for providing an excellent venue to host our CMVA/ASME joint event. Qiao Sun presented visitors with safety details of this modern new university building.

Last Meeting Minutes of November 4, 2016 at Dow Centennial Centre Lion's Pride room 8700-84 Street, Fort Saskatchewan, AB were read by Chapter Secretary Greg Poirier. Jacob made a motion to accept the minutes as read. Qiao Sun seconded. Carried.

Membership Report as per Membership Chair Stan & Andy Woodcock's email as: Dec 31, 2016 year-end totals of 520 National members and 104 Alberta Chapter members. Renewals throughout the year with March 10, 2016 showing 286 National members and 68 in the Prairie Chapter have renewed their membership early in the year.

Corporate membership and multi-year membership are available.

Clear login instructions for membership to renew and join are online at www.cmva.com

Thank you for joining, updating your membership and inviting new members!

Motion to accept the Membership report by Greg, Scott 2nd, carried.

Treasurer's Report by Jacob Wiebenga:

AB Chapter Treasurer has finalized the year end statements, signed and dated by Chapter President Howard MacPherson and submitted to National. National can soon forward 2016 AB Chapter Rebate portion of membership dues based on final year end AB Chapter member totals of 104 as reported by Andy.

Started 2016 with 13,675.15, got 1290 in October for \$10 reduced 2015 Chapter Rebate from national, paid out meeting expenses of 840.01, 12 months of bank charges & the 2016 \$1000 AB Chapter Student Bursary, bringing 2016-year end to 13,080.14. Current March 16, 2017 balance of \$13,072.64.

Members questioning rebate reduction so Greg gave national's answer. Then why does a late April 2016 Board decision affect previous year's rebates? More in National portion. Greg made a motion to accept the treasurer's report. Qiao seconded. Carried.

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National Update: Colin past his National power point to Greg to present on his behalf. This was shown at the Toronto AGM and at our last AB AGM in Fort Saskatchewan. Board of Directors voted on a temporary measure last April 28 to share some of the extra cost with the Chapters on modernizing the website and ISO accreditation. New website is likely for this May as well as BOD Meeting where your concerns further discussed.

2017 National AGM, Tradeshow & Training Conference in Edmonton, Alberta:

The 2017 Conference will be held at the Fantasyland Hotel in West Edmonton Mall, Alberta October 25 to 27th. Various technology training will be on the 23rd & 24th. The theme this year is: "**Condition Monitoring Technologies**" using all the tools. We are excited to bring you Robert Sayer, PE, owner of Applied Structural Dynamics. With over forty years of experience as a mechanical and structural engineering consultant to a wide range of industries including pulp & paper, mining & metals, fossil-fuel & nuclear power generation, petrochemical, food processing, glass manufacturing, and aerospace & defense. A member of the Board of Directors of the Vibration Institute and was the past Technical Editor of Vibrations magazine. (2012 - 2015). Early registration draw (by Aug 31): for conference Theme Room luxury accommodations will be made at beginning of September. Others prize draws will be made at the conference for all paid attendees including Rogers Place NHL hockey tickets. Meet & Greet Dinner Theater will be Jubilations in West Edmonton mall.

Please plan for it now. See the Annual Seminar tab on our web page. www.cmva.com Certification exams will be held in the morning of Oct 25th.

New Business:

- National welcomes ideas members would like to see to help future progress. Membership incentives. ISO Accreditation, Quality Manual and Consultant involvement. Certification exams and 5 year renewals. Upgrading the Website. CMVA Linked in emphasizing technical discussion. Decreased expenses with increased value. ICML (International Council for machinery Lubrication) Memorandum of Understanding signed where CMVA is recognized to give ICML exams. Various committees for continued progress. Request for case studies or any PdM event to include in our newsletter.
- Greg & Scott to obtain contact list for more possible educational sites in our region to encourage Prairie students to view the \$1000 AB Chapter Bursary on their websites.
- Member wants to pay CMVA to arrange for a VI Vibrations paper copy as a service.
- Qiao Sun proposed for CMVA to sponsor students by waiving AGM conference fee for presenting some of their work like the VI does to encourage expanding participation.
- The addition of Machine Learning with data analytics brings forth popular Internet of Things. One small event recently brought forth over 200 people.



Next Meeting: AB AGM October 24, 2017 Fantasyland Hotel, WEM, AB.

Technical Presentations: Introductions by Technical Director Qiao Sun Ph.D., P. Eng.:

Scott Lylander, TransCanada, Technical Center, Mechanical Engineering:
“Aerodynamic instability induced subsynchronous vibration of a centrifugal compressor corrected”.

Ahmad Ghasemloonia, University of Calgary & ASME:
“Surgical Drill Vibration in Virtual Temporal Bone Surgery”

Alex Sosnowski, Beta Machinery Wood Group:
“Field Vibration Case Studies”

Ross Alger, AP Dynamics:
"AP Dynamics Vibration Measurement Case Studies”

Scott Lylander thanked the presenters for sharing very interesting and informative papers and recognized them with framed CMVA certificates. Well done everyone.

Dinner followed at 5:30pm: (Chapter recognizes presenters & site hosts with dinner).
Jameson’s Restaurant and Bar, 17-3802 Brentwood Road, NW.
More fun networking, sharing ideas, solutions and experiences in our chosen field while relaxing over a nice meal.