

**Alberta Chapter**

**Chapter Meeting Minutes: March 12, 2015 at the University of Calgary  
Dept. of Mechanical & Manufacturing Engineering Room 402 - 40 Research Pl, NW**

**North side of 32nd NW opposite the main campus. There are 8 pay parking stalls in front of our MEB building. Otherwise, there is meter parking along Research Place. People can park in Brentwood station (free) and walk to the MEB building**

**Certification Testing: 1-5pm Cat I to III on 1st floor room MEB 101**

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. Thanks to Andy and our proctor Vahid, for helping to get to appropriate links.

**Meeting called to order:** 1:30pm with ASME friends by Chapter Vice President Greg Poirier: Recognizing Qiao Sun Ph.D., P.Eng, 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 university building. Thank you to ASME Southern Alberta Chapter President Theo Freiheit Ph.D., P.Eng and members for joining us today and also for sponsoring the coffee and doughnuts for this event.

**Last Meeting Minutes** of Nov 28/14 AB AGM Meeting at the Whitecroft Community League Hall of Sherwood Park, AB were read by Chapter Secretary Greg Poirier. Qiao Sun made a motion to accept the minutes as read. Milton MacLeod seconded. Carried. National to please update website as per Nov 28/14 Election results submitted in Dec/14.

**Membership Report** read by Greg Poirier from Membership Chair Stanislav Kryzhenovskiy's forwarded email as he was called up North at the last minute: National working on final 2014 Alberta Chapter members of 116 +. So far, after 2 months in 2015, 87 have renewed their membership with a lot more to follow.

Corporate membership and multi-year membership are available.

Clear login instructions for membership to renew and join are online at [www.cmva.com](http://www.cmva.com)  
Thank you for joining, updating your membership and inviting new members!

Marius Stoian made a motion to accept the Membership report, Qiao Sun 2nd, carried.

**Treasurer's Report** by Jacob Wiebenga:

Last meeting balance was \$14,466.06 – 7.50 (2 months 3.75 Bank charge) = 14,458.56 at year end. Minus the \$1000 AB Chapter Student Bursary, 283.38 last meeting cost, 63.00 in Presenter Recognition Certificate frames and 7.50 (2 months 3.75 Bank charge) produces a March 5, 2015 balance of \$13,104.68.

AB Chapter Treasurer has finalized the year end statements, signed and dated by Chapter President Howard MacPherson and submitted to National on March 17, 2015. National can soon forward 2014 AB Chapter Rebate portion of membership dues based on final year end AB Chapter member totals.

Greg made a motion to accept the treasurer's report. Qiao seconded. Accepted

**2015 National AGM in Halifax, Nova Scotia:**

The Atlantic Chapter is hosting the 2015 National Conference October 28-30, 2015.

We are proud to announce the 33rd Annual Meeting of The Canadian Machinery Vibration Association AGM, Seminar and Training Workshop, being held at the Lord Nelson Hotel, Halifax, Nova Scotia. Theme is “Continuing Education, the key to an effective Predictive Maintenance Program”. Please plan for it now. See the Annual Seminar tab on our web page. [www.cmva.com](http://www.cmva.com)

**New Business:**

- With AB Chapter’s new 2015 \$500 sponsorship for a student traveling to the annual National AGM to present their research, a suggestion was made for National to wave the conference fee for that student. Sandy & Greg to follow up.
- Request for papers of people sharing what technologies work for them with examples.
- Request for CMVA website to list specific books & materials to guides one working towards each level of certification with clearly identified performance objectives.
- Market need to find links to common, clear communication between analysts, engineers and managers. How does diagnostics, signatures, time wave form, synchronous time averaging, enveloping, etc. support and help managers make sound business decisions.
- Encourage all Prairie students to apply for the \$1000 AB Chapter Bursary on website.

**Next meeting** – Likely Thursday afternoon September 17<sup>th</sup>, 2015 in the Edmonton area.

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

- Scott Lylander - TransCanada  
“Low frequency vibration measurements with accelerometers. Specifications, considerations and methodology”.
- Ahmad Ghasemloonia - University of Calgary  
“Elastodynamic and Finite Element Vibration Analysis of a Drillstring with a Downhole Vibration Generator Tool and a Shock Sub”.
- Ehsan Mollasalehi - University of Calgary  
“Wind turbine generator bearing fault diagnosis using demodulation technique and order analysis under slow varying speeds”.

Qiao Sun 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, 17-3802 Brentwood Road, NW  
More fun networking, sharing ideas, solutions and experiences in our chosen field while relaxing over a nice meal.