IEEE Green Mountain Section Report

Board of Governors Meeting

April 5 – 7, 2019

The Executive Committee of the IEEE Green Mountain Section (GMS) meets every 2nd Wednesday at 11:30 am via WebEx. Members include all Section Officers, Chapter Officers and Student Chapter representatives.

GMS has a well maintained website, <http://sites.ieee.org/gm/> , and Facebook presence, <https://www.facebook.com/IEEE.GMS>

GMS has the following Chapters.

* Computer Systems
* Controls Systems (new in 2018)
* Electron Devices
* Power and Energy
* Solid State

GMS has the following active student Chapters

* University of Vermont

The GMS Executive Committee has identified the following items which constrain our outreach to our members.

1. Active robust student participation
2. Broader industry participation
3. Geographical challenges to attending meetings such as transportation, distance, etc.
4. Volunteer burnout

At our the GMS March Executive Committee Meeting, we discussed the possibility of reaching out to our members on a more social level such as participating in Green Mountain Club hikes, or attending sporting events together.   The Control System Chapter is trying to organize tours of local businesses.  We are also organizing our annual awards banquet for October and are considering a social event in the spring.

Finances

GMS currently has approximately $2,000.00 in their investment fund and approximately $2,200 in their checking. A Section audit was successfully completed and submitted in December 2018. Financial reporting was completed in February 2019 for the Section, PES and Control Society Chapters accounts. GMS continues to pay an annual special assessment of $3,000 to MGA which reduces the GMS rebate to approximately $1,500. There are 2 more installments of the assessment; rebate to be received in 2019 and 2020. Our treasurer does a fantastic job providing financial statements at our monthly Executive Committee meetings.

Currently GMS is sponsoring the 2019 IEEE 28th North Atlantic Test Workshop (NATW) on May 13 – 15, 2019 with a sponsorship of $1,500. In 2018, GMS received $2403.11 for sponsorship of $1,500 of the NATW.

Membership

GMS monitors its membership statistics in OU Analytics. It is not clear how these statistics are different than the statistics reported by MGS in February 2019. Membership advancement is a goal for 2019.

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| **2019 IEEE Green Mountain Section and Society Membership** |
| **Group** | **Status** | **Oct-18** | **Jan** | **Feb** | **Apr** |
| Section | Active | 422 | 455 | 460 | 375 |
| Section | Arrears | 58 | n/a | n/a | 90 |
| Section as reported by MGA | Active |   |   | 349 |   |
| CS | Active | 50 | 50 | 50 | 42 |
| Control Systems | Active | 18 | 19 | 19 | 17 |
| ED | Active | 34 | 34 | 34 | 28 |
| PES | Active | 70 | 70 | 67 | 59 |
| SS | Active | 21 | 21 | 21 | 20 |
| Graduate Student Members | Active | 16 | 21 | 21 | 18 |
| Undergraduate Student Members | Active | 44 | 73 | 75 | 42 |

L31 Reports – 2019

GMS has a slow start to Technical Meetings in 2019 when compared to 2018. There are several Technical meetings being organized so it is expected that the 2 Technical Meeting per Chapter will be met by the end of 2019.

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| --- | --- | --- | --- | --- |
| **Event Title** | **Event Date** | **Event Category** | **Organizational Unit** | **Number of Attendance** |
| UVM Student Professional Awareness Conference | 3/6/2019 18:00 | Professional | Vermont Univ Of | 20 |
| 2019 IEEE 28th North Atlantic Test Workshop (NATW) | 5/13/2019 9:00 | Technical | (section) | n/a |
| IEEE CSS and UVM EBE/ME Departments present: Model Predictive Control for Drift Counteraction and for Control of Underactuated Systems | 3/22/2019 13:00 | Technical | Green Mountain Section Chapter,CS23 | 45 |

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| **Event Title** | **Event Date** | **Event Category** | **Organizational Unit** | **Number of Attendance** |
|  Control Systems Fundamentals and Applications | 12/7/2018 12:00 | Technical | CS23 | 12 |
| How to Prepare a Poster Presentation | 1/11/2018 12:00 | Technical | C16 | 24 |
| External Cleanup PLL and HSS Link closed Loop Stability Analysis | 3/15/2018 12:00 | Technical | C16 | 14 |
| RF Foundry - Leading the Way for Connected Intelligence | 2/20/2018 11:00 | Technical | ED15 | 67 |
| Storage Class Memory and Persistent Memory | 5/22/2018 12:00 | Technical | ED15 | 45 |
| Full Day Workshop: IEEE 1547-2018  | 4/13/2018 8:45 | Technical | PE31 | 42 |
| Grid Codes and Wind Farm Interconnections (3 PDH Available) | 8/16/2018 15:00 | Technical | PE31 | 16 |
| Graphene | 4/3/2018 12:00 | Technical | SSC37 | 29 |
| 2018 IEEE GMS AWARD CEREMONY/ MY ADVENTURES AS A LAUNCH TECHNICICAN ON APOLLO 8 & 11 | 10/26/2018 17:30 | Technical | SSC37 | 35 |
|   |   |   |   |   |
| 2018 IEEE 27th North Atlantic Test Workshop (NATW) | 5/7/2018 9:00 | Professional | (section) | 44 |
| University of Vermont Student Professional Awareness Conference | 3/27/2018 19:00 | Professional | Vermont Univ Of | 60 |
| The Future of Energy Workshop | 9/27/2018 7:30 | Professional | Vermont Univ Of | 100 |

Respectfully Submitted,

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2019 IEEE GMS Section Chair

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