**SAE Chicago Section Board Meeting**

**Tuesday, October 11, 2022**

**Agenda**

**Roll Call:**

|  |  |
| --- | --- |
| Name | Attendance |
|  | Sept | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | July |
| T Hicks | ˟ | ˟ |  |  |  |  |  |  |  |  |  |
| J Messina | ˟ | ˟ |  |  |  |  |  |  |  |  |  |
| M Behling | ˟ | ˟ |  |  |  |  |  |  |  |  |  |
| D Ezenekwe | ˟ | ˟ |  |  |  |  |  |  |  |  |  |
| T List | ˟ | ˟ |  |  |  |  |  |  |  |  |  |
| K Sinko | ˟ | ˟ |  |  |  |  |  |  |  |  |  |
| M Cosentino | ˟ | ˟ |  |  |  |  |  |  |  |  |  |
| T Li | ˟ | ˟ |  |  |  |  |  |  |  |  |  |
| Szabo |  |  |  |  |  |  |  |  |  |  |  |
| N Manuel | ˟ | ˟ |  |  |  |  |  |  |  |  |  |
| G Alvarez | ˟ | ˟ |  |  |  |  |  |  |  |  |  |
| S Davis | ˟ |  |  |  |  |  |  |  |  |  |  |
| T Lie | ˟ | ˟ |  |  |  |  |  |  |  |  |  |
| D Karlak | ˟ | ˟ |  |  |  |  |  |  |  |  |  |
| L Patidar | ˟ |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **We will be using ZOOM conferencing using the link below:**

|  |  |  |  |
| --- | --- | --- | --- |
|

|  |  |
| --- | --- |
| Audience Log-in URL: | <https://parker.zoom.us/j/83270316691?pwd=ZEgvc2hUZlloOHYwSTYxM004aEY2UT09> |
|  |

 |
|

|  |  |
| --- | --- |
| Zoom Password: | 217427 |
| Dial-in only Number | (888) 422-0133 |
| Conference Code | 5996640 |
|  |  |
|  |  |

 |

 |

1. **Introduction – Tim Hicks:**
	1. **Goals for the year – Annual performance from SAE-I**
		1. Recruit professional, young professional and student members
		2. Assess member’s feedback to help with retention
		3. Maintain and grow a healthy section
2. **Financial Report – Troy L / Mike B:**
	1. Balances for Assets, Expenses, and Income
	2. Status of SAE-I changes to add Troy, etc.
	3. Security tokens expiring (Kenn, Tim, others?)
		1. SAE-I mailed Kenn and Tim new tokens
		2. Troy has token and has logged in
		3. $665 check outstanding with NIU. Troy will follow up with that.
3. **Membership Report:**
	1. 10 New Members Sep + Oct
	2. New Member registration code status
	3. Hoping to get a few more people on board.



1. **Company Reps – Dan Ezenekwe:**
	1. Status update
	2. Dan to update section at November meeting
2. **Review of Recent Events:**
	1. SAE-I Section Officers Kickoff Meetings
	2. No status on recordings being made available (made available 10/14/22)

• Utilizing the Section Roadmap

• Details on SAE Chapters & Student Benefits

• Overview of Financial Responsibilities

• Details on SAE’s Mentorship Program

• Walkthrough of our NEW platform Connexion+

• Treasurer & Chair Networking Sessions

1. **Monthly Technical Meeting Programs – By Committee:**
	1. Short Term Events Coming Up (0 to 3 months):
		1. COMVEC - Sept
		2. Elite Oktoberfest – Possibly Nov 15 - 17 joint IEEE- In person in Downers Grove Mike C.
			1. Mike C to Keep Tim Hicks updated. Draft Agenda is Dyno EMC Testing on Hybrid and Electric Vehicles.
		3. Collins (Dan E) – Oct 25 (12-1PM) - Aerospace Emergency Engineering (RAT)
			1. Mike B to send out email blast. Then, Member connection for the Chicago Section. 15 people signed up so far.
		4. Oerlikon – Coatings - Fall (Troy L)
			1. Targeting Jan / Feb 2023 Timeframe. Can be an “Aerospace” Topic as they do coatings for Aerospace applications. Troy to work with Dan E on updates.
		5. Winzler Gear – Kenn S
			1. Possibly Dec, with less than 20 people total, in person
			2. Wednesday Dec 7th. Time TBD. Registration fee involved. $20 or so. Looking at payment / registration options.
		6. NCEES, 2023 - Benefits of becoming a Professional Engineer (PE) (Tim H)
			1. Troy would like to push for this
			2. Table for now, Thinking Winter 2023
	2. Long Term Events (3 to 12 months ahead):
		1. Parker Hannifin (John M.)
			1. Determining potential topics – Elk Grove facility
			2. Heavy vehicle electrification
			3. April 20th target, 2023, would like to host onsite if possible
			4. Limit attendance to 100 people or less. No registration fee, Heavy Equipment electrification topic.
	3. Events being investigated
		1. Oshkosh Truck – (Mike B)
			1. Autonomous developments
		2. VW or Ford EV event at a local dealership (Mike B)
		3. Navistar Autonomous Driving Presentation (Mike B)
			1. TuSimple (<https://www.tusimple.com/>) – Navistar partner on autonomous – Virtual Lunch & Learn
		4. Hyzon Motors – Truck fuel cells 2022 – Bolingbrook (John M)
			1. Let’s find out when plant will be ready so we can better anticipate presentation date
			2. Shinichi Hirano Chief Engineer Fuel Cell E shinichi.hirano@hyzonmotors.com P 248.833.6368 (Don Hillebrand)
		5. Argonne –
			1. Tour of grid center … 1 MW grid storage - charging center (fastest in North America)
			2. Don Hillebrand will propose top 3 ideas for an in-person event
			3. Don has a vision of developing a Center of Competence for SAE at Argonne (10 SAE Fellows on staff)
			4. Need to follow-up for fall 2022
		6. Chicago Auto Show (Tim)
	4. Future Events
		1. ComEd – EV Charging (George A)
		2. Omron (Mike K)
		3. Ford Torrence Plant Tour (Kenn)
		4. FPT Industrial (CNH) – Sustainable LNG Engine (IVECO S-Way NP 460)
		5. PSI Engines
		6. SAE Car Show
		7. Burgess Norton (Bob Z proposal, needs champion)
		8. NewLine Electric Co – Joliet
		9. RE3D Tech – 3D printing
		10. Fast Radius – 3D printing
		11. mHub – Protolabs – incubator and 3D printing – James Shaw (Tim H)
		12. Rivian – Bloomington, IL - EV manufacturing (Tim contacted Tom C)
		13. CNGMotive (Kenn)
		14. Would like to make a bigger push into Aerospace events
2. **Volunteer / Officer Events:**
	* 1. TBD
3. **Student & Young Professional Engagement – Noel M / George A / Shane D**
	1. Student Updates
		1. NIU request to showcase vehicle at Chicago Auto Show
		2. New NU student chapter info
		3. NIU FSAE booth on Oct. 15th; Seminar at NW and Woodward (Oct. 29th)?; Follow student FB pages and share posts
		4. Noel reported that all CDS teams have been contacted for status, timing, and contacts
	2. Young Professional (YP) Update
		1. TopGolf
		2. Piggyback other YP organizations
		3. Meetup groups
	3. AWIM email from SAE-I
		1. Kenn inquiry on Chicago area schools – only 1 identified
	4. NU request for space to test vehicles
		1. Meeting held with Woodward – good progress
	5. Bradley Univ – Kenn suggested discussion with SAE-I to determine if SAE Chicago can officially represent this University – with possible funding support from SAE-I
		1. Formula CDS team – Michigan in May
		2. Baja – Wisconsin in April?
4. **Social Media Report – ALL**
	1. [LinkedIn](https://www.linkedin.com/company/sae-chicago-section/) – 235 followers
		1. George A offered to be an admin also – Tim to pursue
	2. [New Website](https://chicagosae.org/) – [www.chicagosae.org](http://www.chicagosae.org)
	3. Old website – broken links – Kenn to pursue addressing
	4. [Twitter](https://twitter.com/chicagosae?lang=en) –
	5. [Facebook](https://m.facebook.com/ChicagoSAE) – new page
	6. [YouTube](https://www.youtube.com/channel/UCKW5T8BrZIOqaDL-Pd7sb8g) – [SAE Chicago Channel](https://www.youtube.com/channel/UCKW5T8BrZIOqaDL-Pd7sb8g)
5. **New and Other Business:**
	1. SAE-I COVID19 protocol for in person events – Vaccine or negative test, waivers
	2. Email addresses removed from SAE-I website – verify for security
	3. Connextion+ (replaces Member Connection)
	4. SOLS – 2 officers for Dec 8 – 9 in Warrendale, PA
		1. Troy List, John Messina
	5. Carol Park has retired – thank you for the years of support for our section
		1. Send practice announcement on new board officers
	6. George A has a Ford contact looking to become more involved in the SAE Chicago board
		1. May also be contacted for company rep and possible Torrence Assembly event

**Next Meeting:**

**Teleconference on NOV 8 - 7:30PM (online)**