



## September 2017 FVEAA Newsletter

Fox Valley Electric Auto Association

The FVEAA is a Not-For-Profit Illinois Corporation and the Chicago-area chapter of The Electric Auto Association

### Next Meeting

**Sept. 15, 2017 Meet 6:30 p.m. Starts 7:00 p.m. Ends 9:00 p.m.**

**Community Christian Church**

1635 Emerson Lane

Naperville, IL 60540

[Google Map](#)

### Agenda

- 6:30 Doors open -> Sign-in Sheet
- 7:00 Call To Order, Welcome and Introductions
- 7:15 Rich Hirschberg presenting on our club's outreach car shows
- 7:40 Jeremy McLean presenting on his DeLorean conversion
- 8:00 Voting for officers and board positions
- 8:05 Break
- 8:15 Planning National Drive Electric Week

### President's Words

Michael Willuweit

For our September meeting we are back at our usual place in the confines of the Community Christian Church. For those of us who were able to visit the Small Wonders Micro Car Museum in Crystal Lake, it was an experience that will be long remembered. I don't think I'll ever see anything like that again in my lifetime, a big thanks to Bob Baker for setting that up.

With all the events happening with National Drive Electric Week this month, our meeting will be somewhat brief. We will have our Vice-President Rich Hirschberg talk about the two events he held in the past month (please see his article in this newsletter), we will do some planning for our event this Sunday at the Naperville test track, we will vote on next year's officers (see Bruce's meeting minutes in this newsletter for candidates) and we will have Jeremy McLean present on his Delorean conversion.

Lastly, this month will mark the end of my first year as President of FVEAA and I would like to thank all the people who keep this club going, especially the other officers and board members.

Hope to see you this weekend!

### Photos of Last Meeting Fri Aug 18, 2017

Bruce Jones



For the August 18th meeting Bob Baker coordinated a private tour for the group at Ken Weger's "Small Wonders" Micro / Mini Car Museum in Crystal Lake, IL. THANKS BOB!



Matt Remec next to a fading relic of gasoline past



Ken Weger (middle tan shirt) poses with a few of our FVEAA members before the meeting and tour. (L to R) George Zogaib, Bob Baker, Ray DeBoth, Ken Weger, Maureen Stillman, Matt Remec, Mike Padberg



Ken provides an overview of the 185 mini cars (46 of them electric)



Ken Weger had a story and a background for every car in the museum . . well except for one (which Dr. Rich Carroll had an answer for -->).

In the next photo - Ken received the shell of an electric vehicle 7 years ago but did not know what it was. Thousands of visitors later, he finally got an answer.



Dr. Rich Carroll provides the missing information on a post WW2 Atacar. It was designed for disabled vets to get around, and used hand controls. Mystery solved and Ken Weger was thrilled.



Row of early Isettas



2000 Bombardier Electric



Beautiful Corbin Sparrow / Myers Motors NMGs (No More Gas) electrics on display



Rich Hirschberg checks out a 1995 Suntera Sunray made in Hawaii



Rich Hirschberg coordinated and led the Home Depot food drive and End of Summer Celebration Car Show Sat Aug 26, 2017 from 10 to 4 in Schaumburg



Marty Belovicz loves the Chevy Volt he recently purchased. He also set up the sound system and provided the tunes for the Car Show. Marty you ROCK!



Steve Ledger wows the crowd with his pristine Electric Jeep conversion.



Even more efficient than an EV? Just wind it up and let er go !?!?



Tom and Lori Gass' Tesla Model X



Delorean w FLux capacitor! Well, it was a running Delorean anyway

## Spreading the EV Grin at EEvent in Illinois

Rich Hirschberg

As the summer winds down, we've had some good opportunities to showcase the 'EV grin'.

What started off as a mid-summer celebration became an end of summer event due to management taking longer than expected to approve 2 shows I produced. On August 26th, at my Home Depot in Schaumburg, for our inaugural event, we ended up having a pretty good turn-out. All kinds of vehicles showed up - custom cars, trucks, and some members' EVs. Thanks to Bruce Jones (1930 Hupmobile), Bob Baker (black Honda Civic), Ken (green Jeep) and our brother-in-arms Jay (silver Tesla Model X), the FVEAA made a good showing. One was even a trophy winner; Jay got the award for best interior! In all, I had 35 vehicles show up for this show. And all the proceeds, \$5 per show vehicle and a can/bag of canned or dry food, went to charity. The cash (\$200.00) went to the local American Legion and the food went to the Northern Illinois Food Bank. I am hoping to have an even larger show next year.

For the National Drive Electric Week Northern EEvent on Saturday, Sept. 9th, I set things up at the Carpentersville Home Depot. Both stores are under the same district manager so this streamlined things... a little bit. Kudos to Adam, the store manager for the awesome way he helped us with supplies and set-up. With another day of beautiful weather, we kicked things off at 12 noon. EVs trickled in and by day's end, I counted 15 cars in attendance. In addition to Bruce Jones' Hupmobile and Bob Baker's Civic, we had Teslas, Volts, Leafs, a Bolt, a plug-in Prius, a Fiat 500e, a Saturn eVUE, a Mercedes B250e, and my personal favorite, the Caddy XLR. And as we wrapped up the show, a Model X owner gave us an encore performance of "the Tesla Dance" - gotta see it to believe it - flashing lights and flapping doors.

Here's a reminder: Sunday, Sept. 17th will be the NDEW Southern Event in Naperville at the Test Track, 1720 W. Jefferson Ave., 1 to 4 pm. With 45 vehicles registered so far, this is going to be our largest Event yet. We start with an EV parade around the area and then reconvene at the test track to "tear the tires off these things!"...just kidding. As with the first 2 events, Marty McFly will be doing his DJ thing with the help of his trusty side kick Colee Royce. Many thanks to Marty for his musical support on all our shows.

**FVEAA Facebook Page - Like Us!**

Grant Gerke

<https://www.facebook.com/FoxValleyElectricAutoAssociation>

**FVEAA Facebook Group - Join Us!**

Ted Lowe

In October 2015, i created a Facebook group for the FVEAA and invited all the past and current FVEAA members i know that are on Facebook. There are 69 members as of 8/15/17. If you're on Facebook but not in the group, yet please join us! If you're not on Facebook yet, please consider joining so you can join our group there! This group will help to replace our forums because it is much easier to use, read, post pictures and videos and get notifications. Please let me know if you have any questions/comments/suggestions. Hope to see you there! <https://www.facebook.com/groups/889497691136309/>

**Rich's Ramblings**

Rich Carroll

While not a surprise to those FVEAA members who listened to the NetGain Motors presentation at the July meeting, the new HyPer Drive IS system is getting great reviews in the EV press.

<https://chargedevs.com/newswire/hyper-9-is-offers-a-plug-and-play-powertrain-for-ev-conversions/>

Just remember where you heard this first (at your local FVEAA meeting).

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Continental (one of the worlds largest tire manufacturers) has announced a new compound wheel designed for use in wheel motor applications for EV's but I find their explanation quite lacking.

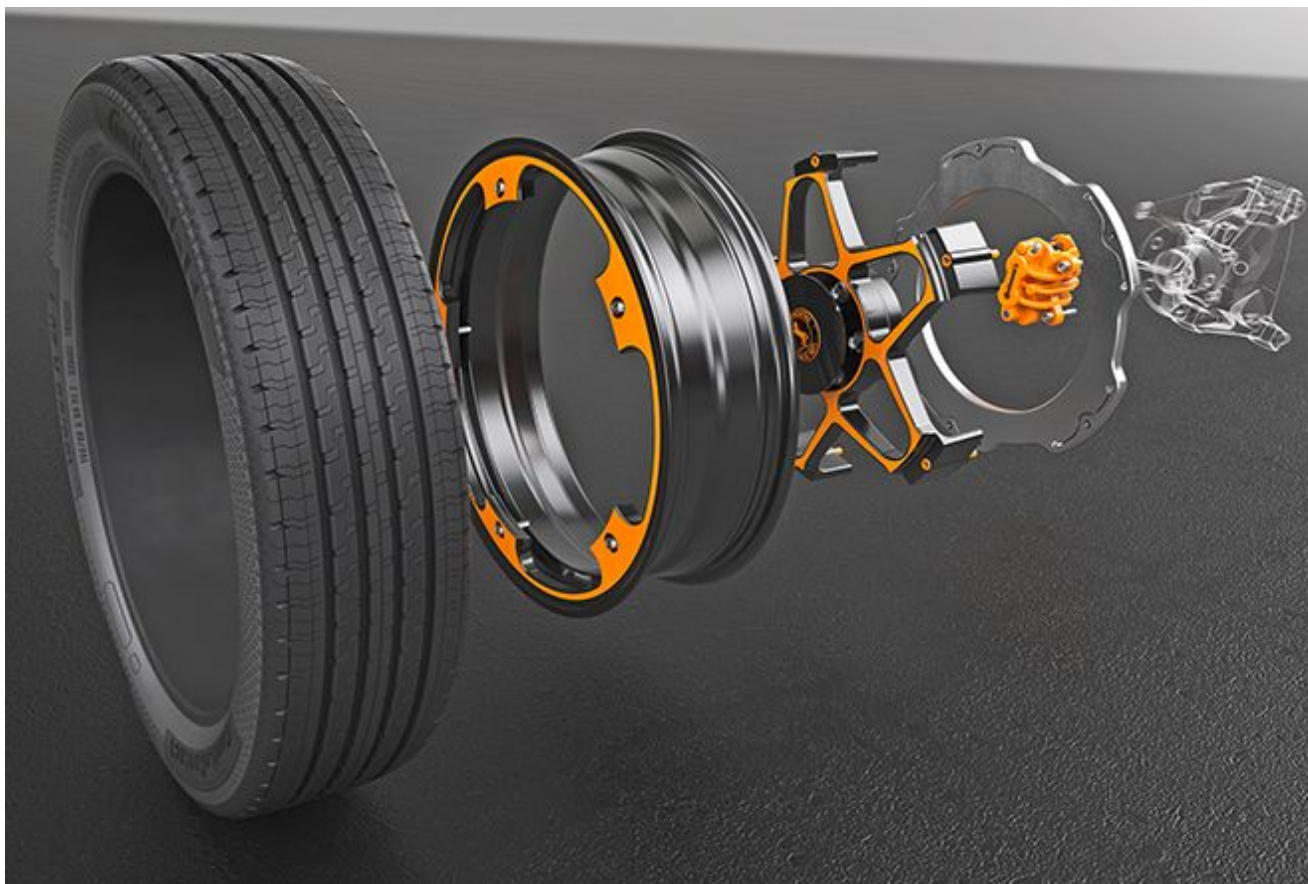


The new system uses a compound wheel. Current wheels are bolted to vehicle hubs with 4-8 bolts (ignoring some small European applications). All torque for acceleration, for deceleration and all lateral forces such as cornering are transmitted through this connection of the wheel to the hub. Most automobiles have a hub that has a center of 4-5 inches, trucks are correspondingly larger. Continental has introduced a compound wheel in which the tire is mounted to a rim, and this is bolted to a large carrier star. Directly attached to the carrier star is the disc brake rotor, thus doing two things. All braking torque is transmitted to the rim through a much larger attachment area, and the center area is relatively unconstrained, allowing for hub motors to be accommodated.

Continental's explanation discusses the need for moving the braking, but never mentions the larger attachment that the braking now can provide, and never discusses the open area that could be well used for hub motors.

See Continental's Press Release at:

<https://chargedevs.com/newswire/continental-introduces-innovative-wheel-and-braking-concept-for-evs/>



Changing the tire mounting system of cars is a massive undertaking, especially since the current tire balancers, mounting machines, and service equipment would need to be duplicated with a second system during the many years when both types of vehicles were in the road. That said, a hub motor system, such as could be accommodated by the Continental wheel system seen above, would open the possibilities to a new and more efficient transportation package.

Summary: A massive change, but if implemented, most useful to EV's.

## Membership Update

Ted Lowe

We currently have **67 active paid-up** members, up one from last month! Please renew and recruit new folks!





## FVEAA Membership Report

as of 2017-09-12 04:58:05

### Count of Members by Type

Membership Type	Count	Paid Up
BusinessStd	1	1
Family	7	7
Individual	57	56
LifetimeInd	3	3
Totals	68	67

### Other Statistics

Statistic	Value
% Paid Up	98.5%
Avg. Paid Up Days	169.5 days
% With Email	94.1%

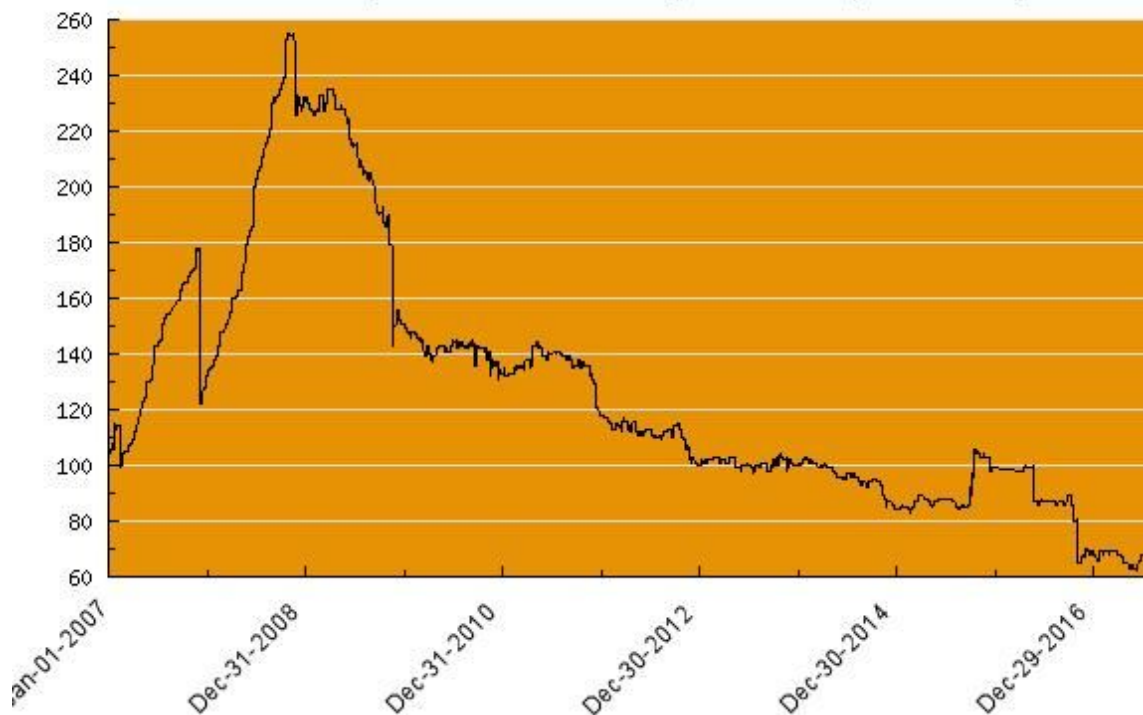
### Encouraging Our Membership To Grow in 2017 and Some History

Ted Lowe

We live in a large metro area with 8 million people and EVs are the latest buzz so we should be able to grow the FVEAA! **Please invite your friends, neighbors, family, colleagues**, etc. to FVEAA meetings and EVents. Volunteer to attend EVents on behalf of the FVEAA (with or without an EV)! Your ideas on how to help grow the FVEAA are welcomed at anytime, thanks! Howard Hansen had a **great idea**... giving an FVEAA membership as a gift!

Here is a time-varying graph of our membership size from 2007 to now. Note that we peaked at about 255 members in the Summer of 2008 when gas was nearing \$5 per gallon. We were also attending lots more invitational EVents with our EVs. **Let's get out there and grow the FVEAA in 2017!!!**

FVEAA Paid Up Members as of September 12, 2017 8:41pm



### Membership Renewals

Ted Lowe

Our membership system sends out “renewal reminder emails” before your membership is due. You will receive up to 3 before being marked “not renewed” (inactive). The sooner you renew, the fewer emails you will receive :)

So please pay attention to your email from the FVEAA and renew online using this link (for the easiest approach for all of us):

<http://www.fveaa.org/renew>

**THANK YOU for your continued support of the FVEAA!**

## Meeting Minutes - August 18, 2017

*Bruce Jones*

The meeting at Ken Weger’s Small Wonders Micro / Minicar Museum in Crystal Lake opened at 7:10

- President Mike Willuweit introduced himself and the entire group of around 30 introduced themselves in a little over a minute .. a record! Everyone was eager to get through the meeting and see the museum.
- Rich Hirschberg described upcoming outreach events
- 8/26 Schaumburg Home Depot End of Summer Celebration Car Show and Food Drive
  - Rich Hirschberg coordinating this event with Home Depot, the first time they have done this
  - Sat Aug 26<sup>st</sup> 10-4pm
  - 100 Barrington Rd. Schaumburg
  - [Home Depot Location](#)
  - Rich collected email addresses of all attendees and will try this again next year.
- National Drive Electric Week Dates: Sept. 9 to 17 - NOTE TWO Locations:
  - Sat 9/09 Event 1 - Carpentersville Home Depot 12 noon to 4 p.m.  
**251 Spring Hill Road, Carpentersville, IL 60110**
  - [NDEW Carpentersville Map](#)
  - Sun 9/17 Event 2 - Naperville Test Track Setup 12:00 noon, open 1-4, take down /pizza after
  - **1720 West Jefferson Avenue, Naperville, IL**
  - [NDEW Naperville Map](#)
- Nominations were opened for the annual September officer elections
  - The nominations were opened and the following members were nominated for the positions shown. Not all members listed were present.
  - President Mike Willuweit, VP Rich Hirschberg, Treasurer Jeffrey Miller, Secretary Bruce Jones, Board Members: John Emde, Marty Belovicz, Bob Baker, and Simon Gibson
- **MUSEUM TOUR**
- Ken Weger was introduced and he provided an outstanding tour of his Micro Minicar museum
- He has 185 micro mini cars, 46 of them Electric and 5 others stored for friends
- Too many cars and stories to describe here. See photos
- Tour of the museum ended around 9:40 p.m.
- Everyone agreed this was one of the most interesting meetings ever!
- Thanks to Bob Baker for coordinating and thanks to Ken Weger for the tour and for donating all proceeds received to the local Illinois Food Bank

**Meeting Adjourned at 9:40 p.m.**

**FVEAA Membership Application Form - Version 2014-01-01**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State Zipcode: \_\_\_\_\_

Phone: \_\_\_\_\_ Phone Type: Home \_\_\_ Work \_\_\_ Cell \_\_\_

Email: \_\_\_\_\_

Please check one: New Member \_\_\_ Renewal \_\_\_

How did you hear about the FVEAA ? \_\_\_\_\_

**Membership Types and Annual Dues** (please circle one):

Individual	\$20
Business	\$100
Premier Business	\$250
Charter Business	\$500

**Newsletter Delivery Type** (please circle one): No Newsletter      Electronic

Please make checks payable to "FVEAA" and postal mail it with this membership application form to:

**FVEAA****PO Box 214****Wheaton, IL 60187-0214**

Attn: Membership



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—Daniel H., Hourly Pricing participant since 2015

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