EAA NEWS

Vol XIV No 10 Walter V. Laski, Editor October 1982

Drive Electric Amsterdam '82.

The Conference "Drive Electric Amsterdam '82" will convene from October 25-29, 1982 in the International Congress-Centrum RAI in Amsterdam and will cover the following main theme: "ELECTRIC ROAD TRANSPORTATION - PUBLIC AND PRIVATE - IN THE FRAMEWORK OF OUR FUTURE ENVIRONMENT AND TODAY'S ENERGY SITUATION."

This International Conference on electric road vehicle systems was organized by the Dutch Section of the AVERE - the European Association of Electric Road Vehicles. Simultaneous with the Conference, an Industrial Exhibition is planned in the lounges of the Congress Center, which will show the latest industrial developments in EV Technology and branch-related products.

The scientific program of the Conference will consist of Technical Sessions in which the latest progress in the field of Electric Road Transportation will be presented by authors from all over the world, in their native language with simultaneous interpretation provided in English, French and German.

According to the sixty-four presentation papers registered, the authors from the following countries will make the presentation: Belgium, Brazil, Czechoslovakia, England, France, Germany, India, Israel, Italy, Poland, Switzerland, Sweden and USA.

In the recent history of EV Technology it will be the first time that such an event is being organized in Europe. Delegates from all parts of the world will visit the Conference and have ample opportunity to become acquainted with the exhibited products. For manufacturers and dealers of Electric Vehicles, their components and spare parts, 1982 could be a crucial year to put Electric Transportation a step further towards serious business right in the midst of the West-European Market.

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Electric Vehicle Council announced "EVC Symposium & Expo '83", to be held at the Hyatt-Regency Hotel in Dearborn, MI on October 4-6, 1983. EVC has formed a sixteen-member Planning Committee to assist EVC in coordinating activities for the 1983 meeting. And for the year following that, AVERE has announced "1984 EVS 7", the Seventh International Electric Vehicle Symposium, to be held in Versailles, near Paris, France, June 26-29, 1984. Previous international symposiums were held at Baltimore 1981, Philadelphia 1978, Dusseldorf 1976, Washington 1974, Atlantic City 1972 and Phoenix 1969. EVC-sponsored Expositions were held in Chicago 1977, Philadelphia 1978, St. Louis 1980, and Baltimore 1981. Although the Paris Symposium in 1984 will be the first official International EV Symposium in Europe since Duesseldorf ('76), there have been events there - Drive Electric '80 in London and Amsterdam '82.

Electric Auto Association
1674 Merrill Drive No. 12
San Jose, CA 95124

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ELECTRIC CAR SUPPLIES, PARTS, ETC.

ELECTRIC VEHICLES INC., and AA ELECTRACAR are Northern California EV Dealerships located at 2170 Old Middlefield Way in Mountain View. They offer full line of new U.S. factory-built EVs from $9,995 and up. They have clean, used EVs from $4,000 up. For hobbyists they have complete, fully operational Electric Engine$_{TM}$ units for one-day Conversions at $2,200 with discount to EAA Members. They also sell separate components, such as Prestolite Motors at $775 - Transistor Speed Controllers at $595 - Transmission and Shaft Adapters at $250 - and Batteries from $65 to $99. For information call EVI (415) 964-3974 or AAE (415) 968-5329.

Valley Technical Services is the certified Flight Systems EV Service facility on the West Coast. We offer quality EV components, plans and service at a competitive price. Call Order Desk 1-800-227-3800, ext. 211. In California: 1-800-792-0990. VTS, 1816 25th Avenue NE, Puyallup, WA 98371. Local messages: 382-6629.

Custom Motor Adapters and Couplings made to order. In stock 8Hp Baldor Motor with VW lightened Flywheel. Flight Systems EV Service Facility. Parts and Plans. Dal-Tech Energy Systems, 1606 Hickory Street, S. Milwaukee, WI 53172. Phone (414) 762-0907.

SES - Siskiyou Energy Systems offers the SES EV Control System as advertised in Electric Vehicle News (February '82 issue). This is an inexpensive and complete Control System which is ideal for the EV hobbyist. For details call Ric Barline (408) 356-0289.

Custom Motor-mount Adapters with motor shaft-to-wheel couplers for most cars and motors made to order. For description write or call Bill Palmer, 44 Dior Terrace, Los Altos, CA 94022. Phone (415) 948-7677.

FOR SALE

Flight Systems Catalog - $3.00
EV Conversion Plans for VWs, Pinto, Chevette, Hybrids - $17.50
VTS, 1816 25th Avenue NE
Puyallup, WA 98371

New Factory EV 600 Van
Stored in Sunnyvale - $10,900
Bob Wing - P.O. Box 277
Inverness, CA 94937

2CM76&VW Clutch Adapter - $300
PMC-SCR Control&Inductor - $800
Jim Hinton, 5 Sedgewood Ct.
N.Augusta, SC 29841
(803) 279-3854

WANTED - Shafts for J&H G-23 and Westinghouse EA-40 Generator
R.Mensing (415) 493-8220

FOR SALE

Overhauled & FAA Tagged
J&H R-1 300-400 Amp.
Generator-like new - $350
Call (602) 849-1872 evenings

'79 Commuta Car - 3500 miles
Asking $3,000 - Ivan Marts
(415) 752-0880

2CM76 - 400A DC Motor
Rewired for Series with
Belt Adapter - $350
Joe White (805) 769-8319

Prestolite 20Hp-96V Motor - $175
GE M-500 SCR Control 96V - $150
Ron Meyers (201) 763-9182

FOR SALE

Baldor 8Hp-72V DC Motor
GE JB 4Hp-72V Motor
Motor-mount Adapter for VW,etc
M.Schimmelman, 1101 Ethel Ave.
Hancock, MI 49930

H-M Freeway EV - like new
Asking $4,000/offer
N.McWhinney (408) 377-6414

Willey Model 8 Controller
2CM GE Generator/Coupler
10Hp Chrysler 2-Cycle Engine
plus others - Make offer
J.Stall (816) 741-7912

VW with Viking Kit with
Prestolite Motor - $5,000
Call Scott (408) 266-2397

ATTENTION ALL ADVERTISERS! Beginning January '82 all advertising in the EAA NEWS must be prepaid as follows: 3-4 line AD under ELECTRIC CARS, PARTS, ETC. will be $10 per month, 3-4 line AD under FOR SALE will be $5 per month, and 3-4 line AD under NEW MANUALS will be $10 per month. Mail check to EAA NEWS, 1674 Merrill Dr. #12, San Jose, CA 95124.

MANUALS ON EVs

"Guide to Electric Auto Conversion" - Fourth Edition just published! A clearly written 76-page Conversion Manual with an emphasis on practical techniques, using latest technology. Plans include several PROVEN Diagrams and Schematics, as well as a comprehensive Parts Procurement Directory. Separate Chapters thoroughly cover Expected Conversion Cost/Performance, Electric Motors, Adaptor Plates, Controllers, Batteries, Chargers, Maintenance, System Test/Integration Safety and Wiring Capacity. A real bargain for only $19.95 from Bill Williams, Dept. EAAN, Box 1548, Cupertino, CA 95015.

HYBRID CAR MANUAL - describes Hybrids, their operation, fuel needs and performance. It gives details to convert (2) VW Beetles into one, with seven sheets of plans. Reliable, road proven Plans include automatic operation and good performance. The Manual is available for $10.95 from Randy M. Olson, White Rock, SD 57277.

"Switched Mode Battery Charger" - a Manual on a lightweight, efficient, cheap - less than $100 - Battery Charger. The manual is easy to follow and the construction is explained in simple, concise diagrams. Parts are common and easy to find. Mail check for $6.00 to Sacramento Chapter, 376 Spreading Oak Lane, Rancho Cordova, CA 95670.

"Electric Auto Manual" - New, Enlarged Edition by Walter V. Laski, containing Basic Instructions on Conversion Methods of various autos including Hybrids, Three-wheelers and Two-wheelers also. The Manual is now available at a reduced rate of $6.00 from Walter Laski, 1674 Merrill Drive #12, San Jose, CA 95124.

SYMPOSIUM EVENTS

Technical Session

There were five speakers listed for the session - however, time limit allowed only three speakers to appear. Barry Askew was the first with an interesting presentation on the EPRI Advanced Battery. Following him, a guest from Australia, Roy Leemgrugen, gave a very informative lecture with slides on a subject not very popular in the US - Electric Mass Transit, featuring a special design Motor Wheel, used in buses and smaller vehicles. The last speaker was Mike Foster, showing his Switch-node Battery Charger and explaining the simplicity of the design.

Chapter Presidents' Meeting

In this Second Annual Session, sixteen Chapter Presidents from California, Arizona and Washington, discussed a number of new proposals suggested by them. The most attractive one was the proposal to organize in 1983 the Western States' Convention and Rally; the program and place will be selected later at a special session to be called.

Insurance for Electrics was the next subject discussed - about the difficulties in obtaining Insurance in some states. It seems that EVs are not registered as electrics - which brought up a decision by the Council to provide a National Insurance Company to be available in all states, on the order of the Allstate or AARP companies.

ATTENTION ALL MEMBERS

It has been the policy of the EAA to provide three months' grace period for Renewal of the Membership. In order to reduce costs caused by those who do not renew the membership when it is due, it will be necessary, unfortunately, to discontinue this practice. To be sure to maintain continuity of the membership, we ask you to renew it promptly when you receive your first renewal notice. If there is a delay and continuity is broken, your membership will be extended, however, for a full year from the date of your renewal payment.

SPECIAL THANKS FOR SHORTER RANGE CARS: NUMBERS ADD IMPACT 64 GREAT

THANKS

TO EVERYBODY WHO PARTICIPATED

Results of the 1982 Santa Clara Rally, Moffett Park Dr. 4.1 miles 5 hours

	miles			
1.	127.1	Bruce McCaskie	1st.	Custom
2.	118.9	Jack Higgins	1st.	Stock
3.	118.9	Bill Williams	1st.	Stock
4.	114.8	Saied Motaei	2nd.	Stock
5.	102.5	Philip La Gue Most Practical	3rd.	Stock
6.	106.5	Marco Grow	1st	Hybrid
7.	90.2	John Wasylina	4th	Stock
8.	90.2	Ed Rannberg	5th	Stock
9.	86.1	Charles Huntley	2nd	Custom
10.	82.0	Joe Lima		
11.	82.0	Russ Kaufman	3rd	Custom
12.	73.8	Lloyd Wenzel		
13	73.8	Vic Schisler Best Looking	4th	Custom
14.	65.6	Bob Kidder		
15.	65.6	Dan Rivist	5th	Custom
16.	65.6	Donal Steinhaus		
17.	57.4	Don Williams		
18.	57.4	Bob Stienfeld		
19.	57.4	Len Goodell		
20.	53.3	Al Hardage		
21.	53.3	Israel Tillin		
22.	53.3	Don Allman		
23.	53.3	Leon Girdner		

World Record For Lead Acid.

54 Cars Running Plus 10 On Display A Total Of 64 Cars. FANTASTIC!!!!!

THE REAL HAWAIIAN PUNCH "PAT" PATRICIA HARDAGE WHAT AN AWARDS SHOW BARNUM USED TO HAVE THE GREATEST SHOW ON EARTH

WORLDS GREATEST RALLY MASTER (ELECTRICS ANYWAY) PAUL BRASCH

FROM THE FAR CORNERS OF THE EARTH, Roy Leembruggen, from Australia, Don Cheeseman, Olympia Washington, and those from Arizona and L. A.

Our First Symposium was outstanding thanks to DAVE HALL.

CONGRATULATIONS: Keith Crock Memorial Award For Technical Achievement won by STAN SKOKAN for his "Electric Engine" instant conversion module.

See you next year
Clarence For the entire Rally Committee

LETS GO!!!1983