8th Annual CAFE Electric Aircraft Symposium
April 25, 26, 2014
Santa Rosa, California
This special program convenes authoritative leaders in the key technologies that will enable electric flight to sustainably transform transportation.

Preliminary Program – Day One, Friday, April 25

07:15  Full Breakfast (included with registration), Badge and Program pickup
08:00  Opening Remarks, Dr. Brien Seeley, President, CAFE Foundation
08:05  Ajay Misra, NASA Glenn Research Center, “Nano-magnets and Additive Manufacturing for Electric Motors”
08:30  Dr. Qichao Hu: MIT, SolidEnergy, “Ultra-high Energy Density Lithium battery”
09:00  Dr. Gecheng Zha, Univ. of Miami, "Forward Sweep in ePropeller Blades"
09:25  Barnaby Wainfan, Northrop Grumman, “Aircraft for Extremely Short Runways”
10:15 Coffee Break
10:35  Christopher Cook, CEO Lithium Start, “Li-ion Battery Packs for Light Aircraft”
11:00  Calin Gologan, CEO PC-Aero, (Germany) and George Bye, Bye Aerospace, “Practical Solar-Electric Propulsion Advances - Manned and Unmanned systems”
11:35  Dr. John Langford, CEO, Aurora Flight Sciences, "The Manned Unmanned Aircraft: Where the UAV Revolution Is Headed”
12:00 Luncheon in the Ballroom, (included with registration)
13:00  Klaus Ohlmann, Green Speed Cup Champion and World Record Holder, Range in an Electric Aircraft, “About Missions and Visions”
13:25  Dr. Case van Dam, Chair, Aeronautical Engineering UC Davis, “High Tech Solutions for Ride Quality Enhancement in Small Aircraft”
13:50  Dr. Krish Ahuja, Regents Professor, Georgia Tech, “Precision Autonomous Synchro-phasing of Electric Propellers”
14:30  Bruno Mombrinie, CAFE Foundation, “San Francisco’s First Sky Taxi Service—with Robotic Battery Swapping”
15:00 Coffee Break
15:15  Dr. Brien Seeley, President CAFE, “Payload, Proximity and Pascals”
15:50  Dr. Sebastian Thrun, Founder of Google X, Self-Driving Cars, “Autonomous Car Technologies and Their Application to Aircraft”
16:15  Jean-Luc Soullier, Founder, AeroSkyLux, “First Solo Electric Trans-Atlantic Flight”
16:40  Dean Sigler, CAFE Blog Editor, “The Here & Now of Electric Aircraft—Off the Shelf Ingredients”
17:05  Dr. Jaiwon Shin, NASA Associate Administrator for Aeronautics, “The NASA Aeronautics Vision and Strategy – How It Relates to Electric Aircraft”
17:35 Adjourn to no-host wine and cocktails in the Ballroom at 17:40 PM
19:00  Theme Dinners: Where all registered attendees can interact, visit with esteemed faculty and hear more expert topical presentations.
Preliminary Program – Day Two, Saturday, April 26

07:15  Full Breakfast (included with registration) Badge and Program pickup
08:00  Announcements, Dr. Larry Ford, Vice President, CAFE Foundation
08:05  Mark Beierle and JoeBen Bevirt, “The Joby Powered eGull Ultralight and S2 VTOL”
08:40  Dr. Tine Tomazic and Dr. Gregor Veble, Pipistrel Slovenia “Certifiable Hybrid Powertrains”
09:10  Aaron Singer, Seaplane Adventures, “Electric Amphibious Aircraft—Getting Close to Downtown”
09:40  Brian Carpenter, CEO Rainbow Aviation, “Electric Ultralight Twin Motor Glider—Affordable Flying for All”
10:15  Coffee Break
10:30  Roman Susnik, EMRAX motors, “High Power Density Motors”
11:00  Dr. Avetik Harutyunyan, Honda Research Institute, “Lithium Storage Capacity in Carbon Nanostructures: Toward High Energy Capacity Materials”
11:55  Anton Dilcher, President, Idaflieg, Germany, “Sailplane research in Germany with the Idaflieg”
12:30  Adjourn
13:30  Self-guided trip option: Depart to visit the Bodega Marine Laboratory’s Open House

Sonoma County Sight-Seeing

EAS 2014 is in beautiful Sonoma County! Check out these great add-on activities to your weekend in Santa Rosa:

World-class food and wine in Sonoma County: A global destination for fine cuisine and wine.

Saturday 1:30 PM  Depart to visit the Bodega Marine Laboratory’s Open House during the very popular Bodega Bay Fisherman’s Festival

Register online for EAS 2014  Register Now!

Members of the media, enrolled students or other special cases, please email a 'request for special registration' to: eas2014reg@cafefoundation.org

Friday Night Theme Dinners — Presentations will begin ~ 7:45 PM

Theme 1 - Motors/Controllers/Propulsion/Quietude: Mike Ricci, Launchpoint Technologies, “Advanced motors for electric flight”  Wayne Cook MC
Theme 2 - Aeronautical Design plus UAVs, Markets & Licensing: Robert Bulaga, Shrouded Prop Noise & Efficiency  Larry Ford MC