



The Puget Sound Chapter of AESS presents
**University of Washington—Autonomous
Flight Systems Laboratory (AFSL)**



Prof Rolf Rysdyk, AFSL, University of Washington
6pm (light refreshments) for 6:30-7:30pm, Wednesday, July 25, 2007

(venue details over)

Initially looked upon as somewhat of a novelty when first introduced, Unmanned Aerial Vehicles (UAVs) are now proving their utility through application in such places as on the battlefield and for use in numerous scientific endeavors. As the opportunity for their application grows, so too does the need to refine and evolve many of their features. One place involved in such work is the The Autonomous Flight Systems Laboratory (AFSL) at the University of Washington.



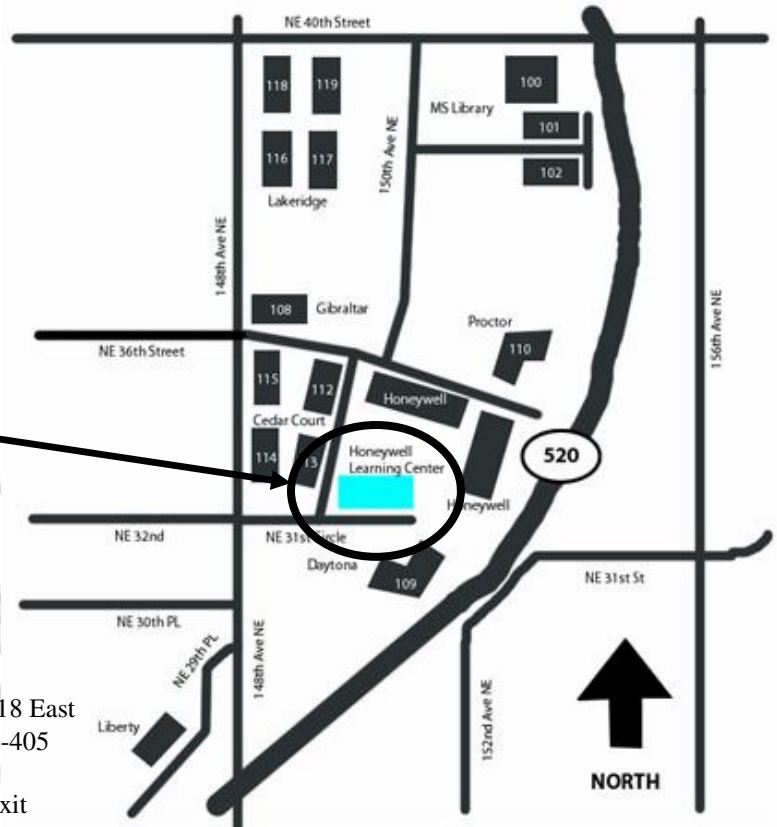
AFSL supports advances in guidance, navigation, and control technology to accommodate autonomous vehicles and their payload, and integrates this technology into the flight mechanics and controls work at the Department of Aeronautics and Astronautics.

To attend , **please RSVP no later than 24 July 2007** to Reece Lumsden at reece.h.lumsden@boeing.com

Speaker Bio: Rolf Rysdyk is Assistant Professor of Aeronautics and Astronautics at the University of Washington's College of Engineering. In addition, he also works with the Insitu Group of Bingen, Washington, a company devoted to developing long range unmanned aircraft systems and sensors. His research interests cover Flight Dynamics, Flight Control and Optimization. He obtained a degree in Aeronautical Engineering from the Delft University of Technology, The Netherlands in 1991 and completed his Ph.D in Aeronautical Engineering, focusing on Nonlinear Adaptive Control, from the Georgia Institute of Technology in 1998. Before coming to his current position at the University of Washington in 2001, he was a Research Professor and Director of Flight Control Research at the National Institute for Aviation Research, Wichita, Kansas. Prof Rysdyk was also a commercial pilot from 1991 – 1995.



15001 NE 36th Street
 Redmond, WA 98052
 (Street Address is NOT
 on the Building)



Driving Directions

- From Sea-Tac International Airport, take State Route 518 East
- Follow signs to I-405 North Bound, continue north on I-405 through Bellevue
- Take State Route 520 East to the 148th Avenue North Exit
- At the light, the road will veer to the right
- Turn right on NE 31st Street, just past Azteca Mexican Restaurant; you will see a sign that reads "Microsoft Cedar Court"
- Turn left at the Honeywell sign onto the side street
- Turn right at the second entrance into the parking lot
- The Learning Center is in the large 3 story glass building to your right as you enter the parking lot
- Please check in at the front desk to locate your training room

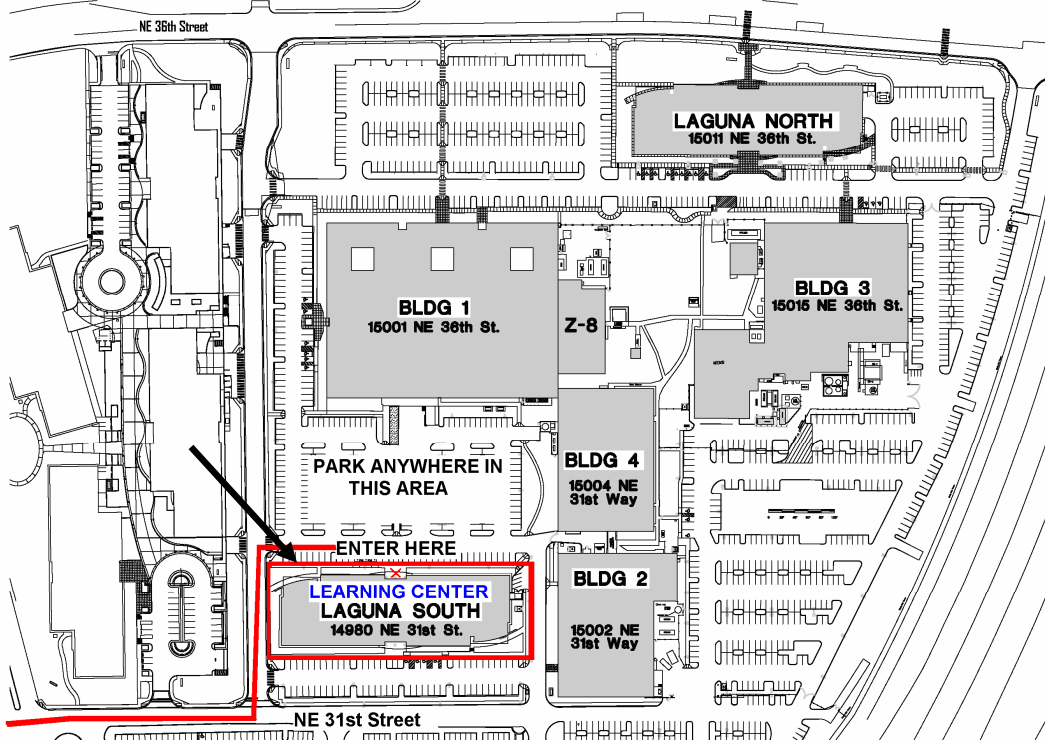


Image: