The DU RESCUE committee
(Renewable Energy Science CommUnity and Enterprise)
presents the kick-off of our

RENEWABLE ENERGY SPEAKER SERIES

Lunchtime (12 to 12:50 p.m.) on Wednesday, May 5

In Room 190, Ricketson Law Building, Sturm College of Law

“Connecting Cars, Communities and Renewables”

In the next few decades, as a result of increased demand for conventional fossil fuels around the world, society will have many new options for personal mobility as we know it today. In a highly complex computer controlled and networked world, vehicles will emerge as a backbone for both advanced internet communications, energy storage and energy delivery devices.

Vehicle electrification, once debated 100 years ago between Henry Ford and Thomas Edison, will emerge as the dominant method of propulsion. In a larger system context, renewable energy coupled with net zero buildings integrated with transportation will allow communities to become more sustainable with lower carbon footprints. How soon will this happen? Who will lead? This talk will provoke you into thinking about these and many other issues and opportunities.

By Terry Penney

Terry Penney joined the National Renewable Energy Laboratory in 1979. Currently he is NREL’s Laboratory Program Manager for Advanced Vehicle and Fuel Technologies responsible for both light and heavy-duty hybrid platforms.

He has more than 50 technical publications to his credit, including energy-related articles in Scientific American and the Encyclopedia Britannica. He has 35 years experience in testing and analysis in aerodynamics, heated mass transfer components, and advanced thermodynamic cycles, including gas turbines.

He is an SAE member, a Baldridge team competition examiner, and National Science Bowl scientific judge. His undergraduate degree was from Purdue University in Aeronautical Engineering and Engineering Science and his graduate work was at the University of Tennessee in Mechanical Engineering. He received the MRI president’s award in 1992 for exceptional performance and the Van Morris award in 1996 for inspired leadership and forging links to industry. For more see:
http://www.nrel.gov/programs/penney.html