

# **NSPE-CO Pike's Peak Chapter Nikola Tesla – Is He “The World's Greatest Engineer”?**

Tuesday, March 8, 2011, 5pm

Il Postino

123 E. Pikes Peak Avenue

80903

Individuals will order off of Il Postino menu. An on-line menu is not available.

RSVP

**Sarah @ 719-668-8622 or [shunke@csu.org](mailto:shunke@csu.org)**

**No later than Noon, Friday, March 4th**

Our speaker will have a chance to explain this statement. Nikola Tesla is best known for his ground-breaking inventions/contributions in electricity which helped usher in the Second Industrial Revolution in the early 20<sup>th</sup> Century. His patents and theoretical work formed the basis for modern Alternating Current Electricity.

**SPEAKER: Tom Keller, Historian/Public Speaker**

## **BACKGROUND:**

Tom Keller has a story to tell us about Nikola Tesla. Tom is a graduate of California State University with BA in Industrial Psychology, MA in Social Science with post graduate studies in education and history and taught college classes. He served in the military and is a military historian. He is a member of Optimist International, Chairman of Colorado/Wyoming Speakers' Bureau and the Lakewood Historical Society Board of Directors. Tom is continuously talking on various subjects at numerous group functions. Tom Keller was just recently featured speaker on a 2-hour television program about Nikola Tesla.

A little about Nikola Tesla [1856-1943], is widely known as the “genius who lit the world”. His discoveries in the field of alternating polyphase current electricity advanced the United States and the rest of the world into the modern industrial era. He began his career as an electrical engineer who was also a mechanical engineer and inventor. He came up with the idea of rotating magnetic field and the principal

and prototype of the induction motor and transformers. With his radical ideas he came to work for Thomas Edison where he had a divergence of opinion with Edison over direct current [DC] versus alternating current [AC]; with George Westinghouse's help and purchases of Tesla System, Nikola Tesla won out. Nikola had 700 patents in the US and Europe including discoveries of the Tesla Coil, fluorescent light, laser beams, wireless transmission of electrical energy, wireless communications, radio remote control, robotics, cosmic radio waves, Tesla's turbines and vertical takeoff of aircraft. He has created work on photographic equipment and x-rays, and Magnetic Resonance Imaging [MRI] for medical diagnostics are calibrated with Tesla Units. He lived and had a laboratory in Colorado Springs from 1899 to 1900. Nikola Tesla has numerous worldwide awards and honors, and you can find him 2-1/2 million times in articles on the Internet. Is he the world's greatest engineer? Tom will shed some light on Nikola Tesla.