You talkin’ to me? You talkin’ to me?

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Presentation abstract

Some students experience some (or all) of the following symptoms during the oral presentation of their Final Projects... breathlessness, excessive sweating, nausea, dry mouth, feeling sick, shaking, heart palpitations, inability to speak or think clearly, a fear of dying, becoming mad or losing control, a sensation of detachment from reality or a full blown anxiety attack. Have you ever felt anything similar? If your answer is yes, you may suffer of a mild case of laliophobia: fear of speaking. The good news is that most of these symptoms can be avoided with some careful preparation and practice. This introductory talk will review some of basics of effective oral presentation, and will serve as an introduction to the incredible amount of resources available on Internet.

About Fernando Tomasel: Fernando Tomasel received a M.Sc. in Physics from the Universidad Nacional de Mar del Plata (Argentina) in 1989. After working in analytical modeling of inertial confinement fusion targets for about two years, he moved to Fort Collins, CO to obtain Master and PhD degrees in Electrical Engineering from Colorado State University. His Master's degree thesis included the results of the first demonstration of soft x-ray lasing in Ne-like argon capillary plasmas pumped by fast, high power pulsed discharges. During his PhD, he demonstrated for the first time lasing action in Ne-like sulfur ions by capillary discharge excitation of sulfur vapor produced by discharge ablation of a solid target. He also investigated the effects of intense, pulsed magnetic fields in the lasing dynamics of capillary discharge lasers.

After receiving his PhD he returned to Argentina, where he became Associate Professor at the University of Mar del Plata. His research work during the 1998-2001 period included non-destructive optical diagnostics, fiber optic sensors and application of neural networks to the analysis of ecological data and modeling. In 2002, he returned to Colorado to work for Advanced Energy, Inc, where he is now Head of the New Technology Introduction Group for Plasma Sources and RF Products. He is also Adjunct Faculty (honorary) at the ECE Department, Colorado State University. Dr. Tomasel is author or coauthor of about 30 journal articles, 20 papers in proceedings, and 8 US patents. Besides research, he also likes teaching. He has been heavily involved in teaching at different levels, from College to Kindergarten. He remains actively interested in the subject of teaching and popularization of Science and Technology.

About Advanced Energy: Advanced Energy is a global leader in innovative power and control technologies for high-growth, thin-film manufacturing and solar power generation. Specifically, AE targets semiconductors, solar cells, flat panel displays, data storage products, architectural glass, solar grid-tie inverters and other advanced applications.

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