**Visualizing Convection**

Lee Grenci: I'm here at the Gas Dynamics Lab in the Department of Mechanical and Nuclear Engineering at Penn State. It's a lab whose motto is seeing the invisible. That's because they can see convection, which we normally can't see with the naked eye. They rely on a special photography called Schlieren photography, which detects the bending of light through small variations of temperature. What you see emanating from my body upwards is convection from my warm body. I'm a nice Italian guy. And I'm going to have a drink of coffee, hot coffee, and you'll see more convection.