Temperature, Relative Humidity, and CO2 behavior in a Venlo Greenhouse ABRAHAM ROJANO, RAQUEL SALAZAR, IRINEO LOPEZ, WALDO OJEDA, University of Chapingo, UWE SCHMIDT, CHRISTIAN HUBER, Humboldt University, EXPERIMENTAL COLLABORATION, NUMERICAL COLLABORATION — Spatial distribution of either one or more variables is a problem of spatial interpolation with a model given by partial differential equations subject to some initial and boundary conditions. The complexity of modern agriculture problems requires some simplifications according to the reasonable assumptions regarding geometry, pde, and information gathered. Irregular domains, Navier Stokes and information recorded each five minutes inside and outside the domain was used for this work.

Abraham Rojano
University of Chapingo