Seminar

STATISTICAL MODELING IN 3D: DESCRIBING, EXPLAINING AND PREDICTING

Galit Shmueli

Tsing Hua University

June 15,2018 | 12.30 p.m. | Aula Benvenuti Campus S. Caterina

Abstract : www.stat.unipd.it/fare-ricerca/seminari

STATISTICAL MODELING IN 3D: DESCRIBING, EXPLAINING AND PREDICTING

Galit Shmueli

Distinguished Professor of Business Analytics | Institute of Service Science |Tsing Hua University (Taiwan)

Statistical modeling is a powerful tool for developing and testing theories by way of causal explanation, prediction, and description. However, modeling for the purpose of causal explanation, prediction, or description call for substantially different modeling and evaluation processes. Conflation of the three as well as under-appreciation of one or more of these components are dangerous both to scientific research and to practice. In this talk I will clarify the distinction between the three types of modeling and describe practical implications in terms of the data analysis process.