



DIPARTIMENTO
DI GEOSCIENZE



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Seminario

Good Science, Bad Science and the Shroud of Turin

Giovedì, 26 ottobre 2017 - 16:30

Aula Arduino

Relatore: **Prof. Joel Bernstein**

Global Distinguished Professor of Chemistry at NYU Shanghai and NYU Abu Dhabi.

Professor emeritus of chemistry at Ben-Gurion University of the Negev in Beer Sheva, Israel.

Abstract:

The talk will discuss the general perception of credibility of science, starting with a reference to Irving Langmuir's 1953 lecture on pathological science, and then describing some well documented instances of post-Langmuir pathological (i.e. bad science): polywater and cold fusion. Another example that defied the conventional physical wisdom (and very quickly led to a Nobel Prize) but was proven correct by the tried and true scientific method of the reproducibility of performing experiments is high T superconductivity. Walter McCrone's work from nearly forty years ago on the Shroud provides an excellent example for evaluating whether his science was good or bad.

Proponente: Gilberto Artioli