



Real
Sociedad
Española de
Física

ID de la contribución : 15

Tipo : **Plenary**

Collective Social Phenomena: simple models and/or Big Data

jueves, 20 de julio de 2017 9:00 (50)

I will give a short overview of problems of collective social phenomena being considered from a physicist perspective and I will discuss the contribution of this perspective to the new Computational Social Sciences. I will address the

question of what can be learnt from simple models in the middle of the data deluge and illustrate the answer to this question in two contexts:

- i) Voter model and consensus, stochastic effects, electoral processes, fragmentation transitions in complex networks and community structure in on-line games.
- ii) Spatial segregation phenomena: Schelling's model, ghettos and land use.

Primary author(s) : Prof. SAN MIGUEL, Maxi

Presenter(s) : Prof. SAN MIGUEL, Maxi

Clasificación de la sesión : Plenary IV-A

Clasificación de temáticas : Plenary IV-A