SEMINAR

"From the Bayesian Iterated Proportional Fitting algorithm to the Beta-Hypergeometric distribution"

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Thursday, 20th September 2007 – h. 4.30 p.m.
Room 137 – Viale Isonzo 25 - 20135 Milano

Abstract:

The talk will be divided in two parts.
The first will be more oriented towards statistics and it will
describe the Bayesian Proportional Fitting Algorithm in the
context of the Bayesian analysis of contingency tables.
The second will be more oriented towards probability and
it will show how the analysis of the BIPF algorithm under
pathological situations has allowed to characterize certain
densities obtained as perturbation of beta by means of
suitable hypergeometric functions.