

CRM APPLIED MATHEMATICAL PHYSICS (CAMP) SEMINARS



Organized jointly with the Servei d'Estadística
Aplicada of the UAB

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**Winning the Big Data Technologies Horizon Prize:
Fast and reliable forecasting of electricity grid traffic
by identification of recurrent fluctuations**

I will comment on the approach and methodology I used in winning the European Union Big Data Technologies Horizon Prize on data-driven prediction of electricity grid traffic. The methodology relies on identifying typical short-term recurrent fluctuations, which is subsequently refined through a regression-of-fluctuations approach. I will also emphasize the key points and strategic considerations that led to selecting or discarding different methodological aspects. The criteria include adaptability to changing conditions, reliability with outliers and missing data, robustness to noise, and efficiency in implementation.

Date: June 4, 2019

Place: Room A2

Time: 12:00

