

“Supervised and unsupervised data classification techniques”

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The presentation will include a brief tutorial on some supervised classification techniques, such as Bayesian classification, K Nearest Neighbors, Decision trees and Neural networks. Then, some unsupervised classification methods using Partitions (e.g. k-means, Kohonen maps, fuzzy k-means) or Hierarchical techniques will be introduced. An application to Dynamical Multimodels using Rival Penalized Competitive Learning and Fuzzy k-means will be shown. Finally, the sketch of blueberries classification using physical and visual properties will be proposed.

MARTES 12 JULIO, 11:30 HRS.*

**Sala de Conferencias, Tercer Piso, Departamento de Física
Universidad de Santiago de Chile**



**En forma excepcional, en esta oportunidad se adelanta el horario del Seminario.*