



Machine Learning News

Research Openings at Telefónica Research in Madrid, Spain (Research scientists, post-docs, interns)

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Telefónica R&D in Madrid has several research openings at all levels in a new research group focusing on data mining and machine learning applications for user modeling, customer profiling, personalization, and recommender systems. A special emphasis of the group is on principled data analysis taking interdisciplinary approaches that consider socio-cultural context and personal preferences. Research topics include the following:

- Data mining: time-series analysis, soft computing techniques, semantic data mining, ontologies, social network analysis, visual data mining and data visualization, mining of multiple data types: streams, high-dimensional, sensor data, text and semi-structured data, multimedia, user logs, spatial and temporal
- Statistical Learning: kernel methods, SVM, bayesian inference, bayesian networks, Boosting, EM
- User modeling, profiling and personalization: domain knowledge acquisition, representation, reasoning, management of user and group models, security and privacy aspects in the management of user data
- Recommender systems: algorithms, recommender interfaces, recommenders in social networks and social computing applications

Applicants should have a Ph.D. degree in Computer Science or a related field, a strong publication record, and experience in at least one of the areas above. Interdisciplinary background and interests and/or experience in social aspects of computing considered favorably (technology for developing regions, culture-aware computing, etc.)

Successful candidates will be highly creative and dynamic, fluent in English, have excellent communication skills (written and oral), and be able to interact well in international, multidisciplinary, R&D teams. Knowledge of Spanish is not necessary.

Selected candidates are expected to publish in the top-ranked conferences and journals in the field, engage in open research collaborating with international academic partners, and actively participate in the research community (program committees and other activities), and in European (FP7), and other national and international projects.

Telefonica R&D offers an internationally competitive salary and benefits package (flexible working schedule, Spanish classes, lunch subsidy, full medical coverage, etc.) in an international, dynamic work environment in Spain's largest and most

international city. As one of the most important European capitals, Madrid offers a vast array of cultural activities, convenient international air connections and some of the best restaurants and nightlife in the continent. Inquiries and applications should be sent to:

Dr. Alejandro Jaimes <ajai...@tid.es>  
Dr. Enrique Frias Martínez <e...@tid.es> with the subject line "TID Research Application"

Telefónica is a world leader in the telecommunication sector, with presence in over 23 countries and over 218 million customer accesses (2007). Telefónica R&D is the innovation company of the Telefónica Group. Owned 100% by Telefónica, it was formed it 1988, with the aim of strengthening the Group's competitiveness through technological innovation. It is the most important private R&D company in Spain, in terms size, activities, resources, and participation in European Research projects.