Network Action Proposal

Title:	Collection of educational materials for machine learning, in support of cognitive systems
Membership number(s)	68
Member name(s)	Robert Fisher
Member institute/company name(s)	Univ of Edinburgh
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	Draft web pages are at: http://homepages.inf.ed.ac.uk/rbf/IAPR/researchers/ where the row of relevance is the one labeled "Machine Learning". We ask for support for 250 hours of PhD student time, which is about 30 hours for each of the 7 categories above (plus 40 more hours described below). This resource is not going to be exhaustive, but we hope that it will lead to e.g. 100 entries for each category. Hopefully too, the entries will be high-quality sites already (eg. the Kalman Filter Home Page at: http://www.cs.unc.edu/~welch/kalman/) The remaining 40 hours will be to support the development of 5 "Cognitive Briefings" on topics from Machine Learning that are central to cognitive systems. This support is requested for the collection, categorisation.
	and display of existing content, and is not intended to support the development of a sophisticated website (although a wiki is being considered as a possibility once we experience the structure and the amount of content for the current version.). This work will be done in collaboration with the International Association for Pattern Recognition. Bob Fisher is the chair of its Education Standing Committee.

Principal activity to which it contributes o Community Outreach o Scientific Outlook o Education & Training	Education
Concrete outcomes of the action (at least one of which should be material suitable for publication on the euCognition website)	* A set of web pages containing links to machine learning materials useful for supporting students, educators and researchers. * 5 Cognition Briefings
Effort in person-days that will be charged to the Network Action (if any)	
Expected start and duration in months	February 2007 - Dec 2007
The requested funding, under the following headings:	Travel: 0 Other costs: 0 Labour: PhD student labour: 250 hours * 21 euros/hour = 5250 euros Overheads: standard