Using Mobile Agents in EEG Signal Processing

Our EEG/ERP repository contains large EEG/ERP data. The partner institutions would like to work with these data e.g. to verify their processing methods, but they cannot or they are not allowed to transfer large data collections over network. The possible solution is to use a mobile agent system. The paper briefly introduces the agent system Aglets and basic EEG processing methods implemented as mobile agents. The usability of this approach is tested on selected data files. The implementation of e-mail announcements within the mobile agent system is mentioned.

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