Internet-based System for On Line Access to characterization Results - SOLAR

Objective

To make available through Internet, in real time, the data (including images) obtained by various micro- and nanoscale characterisation methods. In principle, a few partners distributed at various geographical locations will have instantaneous access to the results of the micro- and nanoscale characterisation performed by one of them. Hence, the images might be easily analysed, as the experiment is in progress, by specialists working in different locations and they may intervene, influencing the way the investigation is conducted.
Eventually, the project SOLAR is intended to offer the possibility of remote access, by Internet and in real time, to the characterisation equipment of all WP3 partners of Patent-DfMM.

Partners involved

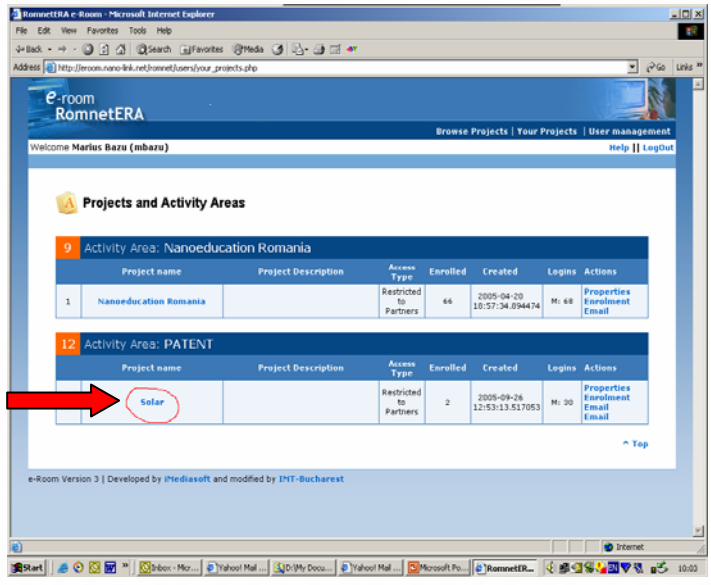
- IMT-Bucharest and CMMIP Bucharest (external partner)

Summary of results (phase 1)

- Tailoring an existing e-room system for the use of the WP3 community
- A documentation study, identifying the needs and possibilities to interface the instrumentation to be linked by SOLAR and evaluating the commercial tools available.
- Selection of a PATENT-DfMM partner providing appropriate equipment and demonstration

Offer to industry

SOLAR will be a complement of the database on instrumentation, by offering on-line (Internet) access to characterisation equipment, and Thus support the implementation of the PATENT-DfMM Virtual Laboratory on Reliability.



The e-room system developed for SOLAR

Contact

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Project status

Phase 1, finished in December 2005