



PEOPLE MARIE CURIE ACTIONS

Marie Curie Industry-Academia Partnerships and Pathways (IAPP)

Call: FP7-PEOPLE-IAPP 2008

15.10.2009 – 14.10.2013



POSINAM

POre Space Investigation in Natural and Artificial Materials

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IAPPs are partnerships between public and private research organisations (including universities, large and small enterprises, manufacturing industries), based on a common research project and aiming to increase skills exchange between the two sectors.

The objective of the research programme is to produce realistic 3D models of natural and artificial materials including porosity distribution.

- To improve knowledge of petrography on rock, cements and soils, etc... related to porosity organisation (HYDRASA, Poitiers, France)
- To characterise heterogeneous spatial porosities of these materials using a saturation technique with a 14C- or 3H PolyMethylMethAcrylate (PMMA) resin (HYRL, Helsinki, Finlande)
- To provide service for industries which need 3D models of their materials (SME ERM, Poitiers, France)

The fulfilment of the POSINAM project requires the transfer of knowledge from public centres (HYDRASA and HYRL) to private organisations (SME ERM) in order to build a technical platform.

