

The dream of a real European cooperation in industrial mathematics

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No doubt: Advanced Mathematics is a key technology, whenever products and production processes must be improved or even optimised, It is crucial in analysing and even to "solving" real world problems. This is true not only not only for high, but also for basic technologies - an example from textile industries will show, how complex and difficult this kind of mathematics may be. The European market for mathematics is huge, but not well developed. Transnational cooperation is needed. The experiences of the Fraunhofer Institute for Industrial Mathematics made in Sweden (see the talk by Uno Naevent) and Italy have shown the unexpected difficulties, but also the chances of real European cooperation. The situation of industrial mathematics, close to industry measuring values in amounts of money, is rather different from other academic cooperations and a simple dream of exchanging projects etc has seldomly come true. We must create a kind of "star alliance" of the most active and experienced European centres in industrial mathematics, such that a win-win situation (including different partners and the industrial customer) is created.

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