

A Successful Cooperation between Academia and Industry

Cecília Coelho

Centre of Mathematics

University of Minho, 4710-057 Braga, Portugal

The transfer of knowledge between academia and industry is not an easy task. The difficulties in this process are many, starting with funding and the disbelief of most companies towards the advantages of the scientific research outcomes on industrial problems. This talk presents a successful case study of mathematical knowledge transfer to the energy industry based on the use of new optimization techniques. The talk describes the whole process of knowledge transfer, acquisition of funding, interaction with the company and tips for successful collaborations.