



INDUSTRIAL PROBLEM SOLVING WITH PHYSICS

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The **Industrial Problem Solving with Physics (IPSP)** is an annual event organized by the Department of Physics of the University of Trento in collaboration with the Research Support and Knowledge Transfer Division of University of Trento, Confindustria Trento and Polo Meccatronica-Trentino Sviluppo. The initiative aims at fostering the links between physicists and industry.

Manufacturing companies apply to the initiative with industrial problems that may entail the study and **modelling of mechanical or thermodynamic behaviour** of elements, the optimization of a production process, the creation of devices and prototypes. Along with the problem, the applying company needs to clearly state the objectives it wants to achieve by taking part to the initiative.

Problems are addressed by **teams of students** over one week during which they gain access to university instrumentations and facilities, as well as those from the participating companies, to the extent of executing tests or collecting data on the field. Companies apply for the IPSP through a public call notice, and three to five problems are normally selected. IPR of results are owned by the inventors (students). In order to proceed with **industrialization of solutions** companies need to find an agreement with the University.

Full documentation is available to support your agency adopting this initiative. To know more about IPSP please contact the Department of Physics of University of Trento:

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<https://event.unitn.it/ipsp2018/en>



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