



IPSES s. r. l. has an extensive expertise and experience in a wide range of fields. We can provide consulting services and undertake research and development studies in the field of scientific electronics. For this, **IPSES** is the ideal partner to enhance the capabilities of your company.

We can find the optimum solution for your needs and requirements, acting as your partner or assuming full responsibility for the development and production of embedded systems and scientific devices from the phase A to installation.

IPSES s.r.l.

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Conceiving and planning

IPSES conceives and plans **embedded electronic systems** to answer for the best to specific client's demands. Our studies are performed taking into account both economic profit and organization items, focusing on customer service improvement.

We develop **customized software programs** that, on request, can be furnished and installed on an especially assembled computer.

Development

We develop and engineer **high-level systems** conceived by our clients, carrying out the studies or the transfer of technologies necessary for the realisation or optimisation of their **projects**. Among the other things:



- We can solve and realize **PCB**.
- We can purchase and install all the necessary equipment.
- We can test the whole system.
- We can project and realize the mechanical devices.
- We can provide to the execution of the necessary electromagnetic compatibility tests for the **CE** certification.

Documentation

We furnish the documentation of the whole project and the user's guides of our system in Italian, English and French.

Besides, We translate texts, whether technical or not, from English and French to Italian.



Consulting

We furnish the necessary technical-scientific advice to prepare scientific laboratories and to analyse works of art, especially for dating archaeological finds (thermoluminescence analysis) and determining the historical materials on **paintings** (EDS-SEM, XRD, FTIR, Microspettrofluorimetry UV, spot-tests). Besides, we can drive you in choosing and using **photomultipliers**.

Training

Matched to client's requirements, **IPSES** offers a training service teaching, supporting and updating technical staff. Besides:



- We teach both private persons and employees of a firm and/or of an operating company in handling, installing as well as in the professional maintenance of electronic scientific devices.
- We give Lectures regarding scientific devices and analyses on works of art.
- We give Lectures at trade shows, workshops, conferences.

Contacts

Ing. Gian Luca Pizzocolo
General Manager
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Expert in the use of microcontroller and other programmable logic devices, with many years of experience in electronic hardware, firmware and software planning. He is the manager of **IPSES** engineering team.

Dott. Cesare Liguori
System Manager
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Expert in electronics and sensor devices, software real-time and very low noise analogical electronics, with a twenty-years of experience in this fields. He is the system engineer of **IPSES**.

Dott.ssa Cinzia Mancuso
Analysis Specialist
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Expert in diagnostic of historical pigments and painting materials gained as a researcher in laboratories in Italy and abroad. She is also professor at the faculty of Industrial Chemistry, University *Ca' Foscari*, Venice. She executes chemical analyses on works of art.