



# Institut Supérieur d'Electronique de Paris - ISEP

## PROFILE

Founded in 1955, ISEP is a private engineering school recognized by the French government. ISEP is a member of the prestigious Conférence des Grandes Ecoles. Teaching duties are shared by permanent faculty members and experts from the industrial world. ISEP enrolls approximately 750 students, 18 percent of the international students come from abroad under exchange agreements with partner universities outside France. Or, in some cases, to attend one of ISEP's two international MSc programs taught in English.

### Major fields of study

#### ISEP offers 3 types of programs

Multidisciplinary program in electronics, informatics, signal and image processing, and telecommunications based on a common core delivered over 2 semesters (the first year of the engineering curriculum), followed by a choice of one of 10 concentrations. Instruction is, for the most part, in French.

#### Programs of MSc taught in English

- MSc in Information Technology: SIPM (System Integration and Project Management),
- The MSc in electronics and telecommunications has 2 options: ACE (Applications in the Communications Environment) and VASLead (Value-Added Services Project Leadership)

#### Master spécialisé (specialized master) programs taught in French

- Master Spécialisé in Management and Safeguarding of Personal Data (Data Privacy Management)
- Master Spécialisé in Value-Added Media Operational Services (VAMOS)
- Master Specialized in Risk Management through Business Intelligence

### Research

ISEP's research laboratory, known as LISITE (for the laboratory of informatics, signal, image, telecommunication, and electronics), has 3 teams: MINARC (micro, nanoelectronics, and radio communication), SITE (signal, image, and telecommunications), and RDI (research and development in informatics).

MINARC works in the field of design of low-voltage and low-consumption circuits, ultra-low-consumption communications, the interaction between circuit design and advanced technologies such as partially or fully depleted SOI devices, 3D integration, multiple-grid transistor-based circuits, transistor-based nanowire circuits, and molecular electronics.

SITE works on two broad themes: (i) processing and analysis of signals and images in specific applied contexts and (ii) telecommunications. Major subthemes include multimodal biometry, ophthalmological medical imaging, image and video compression, and the allocation of radio resources in OFDMA-type networks.



Photograph provided by the institution

RDI, concerned with the quality of complex systems, aims to produce tools, methods, and case studies for the assessment and validation of complex systems. A complex system is one that is open, distributed, communicating, and heterogeneous with respect to the design and programming environments, to the data handled by the system, and to execution environments based on middleware layers and infrastructure—for example, the networks of sensors that process large quantities of heterogeneous and nonsynchronized data via heterogeneous communication infrastructures.

The laboratory maintains close relations with partners in industry (CEA-LETI, Atmel, STMicroelectronics, Thales, ELA Medical, FOVEA) and academia (GIS-eSys, IMS de Bordeaux, TSI de Telecom Paristech), while also participating in projects financed by ANR (the French national research agency) and the European Union. ISEP also maintains a research and consulting unit (ISEP-RC) that is an active member of the CFI (the innovation center of the Ile-de-France region) and that transfers technology to businesses. The laboratory organizes and participates in national and international conferences such as FTFC (1997 to 2010), IEEE ISCAS (2010), IEEE ICICDT (2008 to 2010), and IEEE HISTELCON (2008).

### Strengths

ISEP makes a special effort to recruit international students; that effort is apparent in the increasingly international environment of the school. Close partnerships with employers allow ISEP to offer a curriculum that is appropriate to the needs and objectives of international students. Student clubs and associations of all types (technical, athletic, humanitarian) offer students an opportunity to fit into student life. ISEP's 4,000 alumni constitute an active network of professional contacts.

### Location

ISEP is located in the Latin Quarter of Paris in a very pleasant setting.

## IDENTITY FORM

[www.isep.fr](http://www.isep.fr)

Precise name of the institution	→	ISEP - Institut Supérieur d'Electronique de Paris
Type of institution	→	Private
City where the main campus is located	→	Paris
Number of students	→	750
Percentage or number of international students	→	133
Type and level of qualifications awarded	→	<ul style="list-style-type: none"> <li>• Other national diplomas [diplôme d'ingénieur (master's degree)]</li> <li>• Diploma of establishment labeled by CGE: MSc and ms</li> </ul>
French language courses	→	Yes
Programs for international students	→	Yes
Programs in English	→	Yes
Registration fees / year (for information only)	→	<ul style="list-style-type: none"> <li>• Cycle engineer: 6.997 euros per annum</li> <li>• Program MSc: 12.000 euros (3 six-month periods)</li> <li>• Program ms: 13.000 euros</li> </ul>
Postal address	→	ISEP – 28, rue Notre Dame des Champs – F-75006

