

The School of Management and Engineering Vaud (www.heig-vd.ch) offers bachelor and master HES courses in engineering and business economics as well as postgraduate courses.

With more than 2,000 students, it is the largest school of the University of Applied Sciences and Arts Western Switzerland (www.hes-so.ch).

Its applied research and development activities are carried out in its institutes, centres and transversal groups.

The HEIG-VD is looking for a:



Energy and Electrical Systems Engineer

HES Ra&D Project Leader

MAIN MISSIONS :

Attached to the TIN Department, you will be in charge in the IESE Institute (<http://iese.heig-vd.ch>) of the following missions in the field of disinfection by cold atmospheric plasma jet:

- You will design and produce the plasma source and its high-voltage radio-frequency power supply.
- You will study the aeroacoustics of the jet.
- You will design and commission a test installation.
- You will be in charge of the technical documentation of the installation and the validation reports.
- You will study the integration of plasma in an airflow device.
- You will work with a microbiology institute to optimise the decontamination.
- You will participate in scientific and technical communication.

SEARCHED PROFILE :

Bachelor or Master (eventually PhD) Title of a university in electrical engineering or microtechnology or a title deemed to be equivalent

Interest in the following disciplines: High-voltage electrical engineering (plasma machine), power electronics, radio-frequency electronics, thermodynamics, fluid mechanics, acoustics.

Good communication skills and organisational skills.

Versatility and autonomy desired

Fluency in English, in addition to French, German an asset

Activity rate: 100%

Information : COURRET Gilles, gilles.courret@heig-vd.ch

Beginning of employment: 01.02.2021

Duration of contract: indefinite

We invite you to send us your application only by www.heig-vd.ch/emploi, by 8 January 2021. Total discretion is guaranteed.

HEIG-VD – Ressources Humaines
Rte de Cheseaux 1 – 1401 Yverdon-les-Bains



HAUTE ÉCOLE
D'INGÉNIERIE ET DE GESTION
DU CANTON DE VAUD
www.heig-vd.ch