

## **Recruitment of a CNAM Chair Professor**

### **Advanced Materials and Innovative Processes**

The Chair of Industrial Materials at the Conservatoire national des arts et métiers (CNAM) will soon be vacant and a job profile for it will be officially published, probably at the end of 2019 - early 2020.

#### **Context**

In a context of re-industrialisation, the development of advanced materials with improved properties using innovative means of production is a key challenge for the competitiveness of European industry. These emerging materials must take into consideration, through integrated solutions, the sustainability issues related to energy, resource scarcity and health risks. To support these industrial developments in the field of materials, the CNAM wishes to set up a **Chair on Advanced Materials and Innovative Processes - Access to Sustainable Development** as a follow-up to its Chair on Industrial Materials.

#### **Missions of the recruited chairholder professor**

At the interface between industry and higher education, the recruited professor will have a responsibility of initiative in the organization and content of teaching around Materials and Processes responding to sustainable development issues within the CNAM.

In particular, it will be a question of supporting the deployment of teaching on materials in centres in the regions (as well as in certain centres abroad), taking into account the specific needs of the territories. The recruited teacher will also participate in the implementation of a quality distance learning offer in the field of materials.

The recruited professor will initiate research work in one of the materials teams of the Procédés et Ingénierie en Mécanique et Matériaux (PIMM - UMR ENSAM-CNRS-CNAM) laboratory.

#### **What is a full professor (PTC) at the CNAM?**

The Conservatoire national des arts et métiers is a public higher education institution of a scientific, cultural and professional nature with the status of a "major institution". It is organized in a network, whose headquarters are in Paris. The chairholder enjoys a special status (with an annual teaching service of 96HED) and has great freedom of action and initiative to support the national reindustrialization effort, in line with the CNAM's historical missions.

**Profile:** We are looking for a person with strong experience in the field of research and/or development of materials for industry, manufacturing processes and/or sizing from the academic or industrial world

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