

JOB DESCRIPTION N° 1MCFU1487A

The audition of the candidates by the selection committee includes a professional situation simulation

Collegium	SNET
Composante	IUT Nord Franche-Comté

Section CNU	29 - elementary constituent
Corps	MCF
Numéro national du poste	1MCFU1487A

Laboratory / type	Chrono-Environnement UMR CNRS 6249
Job profil	Assistant professor position in ionizing radiation physics at University of Franche-Comté. Teaching includes general physics (optics, mechanics, ...) at IUT Nord Franche-Comté. Researches will be conducted in the Chrono-Environment laboratory in dosimetry for applications in medical physics and environment.

Teaching activities	The candidate will be responsible for teaching physics to students in BUT1 and BUT2, covering topics such as: -Atomic and molecular structures, optics, mechanics, and thermal machines within the Physical Measurements department -Wave propagation, optics, electricity basics, and fundamentals of operating systems within the Networks and Telecommunications department. Additionally, he will also be involved in the professional bachelor's degree in Medical Dosimetry and Radiation protection, focusing on the detection of ionizing radiation and supervising students in their tutored projects and internships.
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Contact(s)	Prénom, Nom : Pierre- Emmanuel Leni Fonction : Chef de département Réseau et Télécommunication Téléphone : +33 (0) 3 81 99 46 82 Mail : pierre_emmanuel.leni@univ-fcomte.fr Prénom, Nom : Yannick Vuillemin Fonction : Chef de département Mesures Physiques Téléphone : +33 (0) 81 99 46 03 Mail : yannick.vuillemin@univ-fcomte.fr
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Research activities  HR EXCELLENCE IN RESEARCH	The candidate will join the Pollution research group at the Chrono-environment laboratory UMR CNRS 6249 working on dosimetry for applications in medical physics and environment. They will be interested in modelling external radiotherapy treatments (electrons, photons, and hadrons) using Monte Carlo simulations. Additionally, he may also engage in the development of instruments based on dosimetric gels and nanoparticles. The University of Franche-Comté has the HRS4R label. As such, it implements the European human resources strategy for researchers.
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Le président de collegium,
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