

FICHE DE POSTE N° 1500

Collegium (case réservée aux présidents de collegiums)	
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Composante	UFR ST
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Section CNU	61
Corps	MCF
Numéro national du poste	1500

Laboratoire / type	Institut FEMTO-ST, UMR 6174
Profil pour publication	Automatique, Mécatronique

Job profil (traduction en anglais maximum de 300 caractères, espaces et ponctuations compris)	Automation sciences, Mechatronics (control, optimization and design of new micro and nano mechatronic systems)
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Profil enseignement	The person recruited will be able to teach in EA Bachelor's degree, ARIA Professional Bachelor's degree, SAPIAA Master's degree and ISC Master's degree in MIR, as well as in the international GreeM Master's degree. Teaching will be mainly in the field of automation but, depending on the person recruited, also in Robotics, 2D Imaging, industrial computing (C programming) or local networks. The follow-up of projects or internships in these various fields will be necessary.
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Contact(s)	Nom, Prénom : Dominique Gendreau Fonction : Directeur département enseignement GAP Téléphone : 0381666243 Mail : dominique.gendreau@univ-fcomte.fr
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Profil recherche	<p><i>The associate professor recruited will be part of the Automation and Micro Mechatronic Systems (AS2M) department of the FEMTO-ST Institute, in the research topics "Automation" and "Micro-nano mechatronics".</i></p> <p><i>The aim is to address control issues (related to their optimization and design) of new micro and nano mechatronic systems. The objective is to propose original, concrete and relevant solutions to problems of control and design of complex systems (multiphysics) nonlinear and / or distributed parameters, such as micro-nano systems. This position is clearly at the interface between theory and application.</i></p> <p><i>The candidate with an automation science, mechatronics profile should be open to problems of multiphysics modeling, real-time implementation constraints, and experimental validation of the proposed approaches. For example, an automatician proposing advanced commands or optimization methods for robot architectures would correspond to a suitable skill.</i></p> <p><i>The candidate will have to invest in the training/research link, in particular through the EIPHI Graduate School (PIA3 EUR) of the ComUE UBFC. This will be done through the follow-up of research projects within AS2M/FEMTO-ST open to EIPHI students, in particular the GreeM and MIR Masters. The candidate's research projects should allow the implementation of mentoring and tutoring activities in connection with the Doctoral School SPIM of UBFC, and thus reinforce the innovative pedagogy per project promoted by EUR EIPHI.</i></p>
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Contact(s)	Nom, Prénom : Lutz, Philippe Fonction : Directeur AS2M / FEMTO-ST Téléphone : 0381402785 Mail : philippe.lutz@femto-st.fr
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Signature du Directeur de la composante

Signature du Directeur de l'Unité de Recherche