PhD POSITION AT LBMC

Hiring Lab.	LBMC UMR_T9406
Topic	From rubber-like to physiological: a Finite Element modelling approach for the active muscle that does the work
Place	LBMC Campus Univ-Eiffel Lyon-Bron
Funding	EC – MSCA COFUND PhD Programme MuSkLE PhD programme Building, maintaining and repairing the functional locomotor system — Co-funded by the European Union
Key dates/information	Position start: September 2027 Deadline for applying: 15/01/2027 Applications to be submitted via https://www.muskle.eu/recruitment/
Supervision	Aline Bel-Brunon Bertrand Fréchède (contact) bertrand.frechede@univ-lyon1.fr Mélanie Ottenio

PhD Position in muscle biomechanical modelling at Lyon 1 Université, Lyon, France

LBMC (Laboratoire de Biomécanique et Mécanique des Chocs) is offering a PhD Position on "From rubber-like to physiological: a Finite Element modelling approach for the active muscle that does the work".
We aim to improve the state of the art of currently available Finite Element muscle models, in terms of their usability, credibility (as part of a VVUQ process), or their ability to model various physiological factors that are so far not accounted for in existing mechanistic modelling approaches.

The position (details, including selection criteria, for the offer: MuSkLE DF05 PhD position) is offered as part of the second call for applications of the EU-MSCA COFUND financed MuSkLE PhD Programme. Applications should be submitted according to available eligibility criteria and guidelines presented here https://www.muskle.eu/recruitment/.

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