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INGÉNIEUR DE RECHERCHE, CHERCHEUR EN BIOMÉCANIQUE DU MOUVEMENT

DINU DANIEL**PHD**

SCIENTIFIC SUPPORT REFERENT

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SPECIALITIES

- > Biomechanics of mouvement
- > Modelling

RESEARCH TOPICS

- > Effects of mechanical stress on the musculoskeletal system during a complex movement

SCIENTIFIQUE SUPPORT

- > **Mesures** : inertial navigation technology, infrared camera, anthropometry
- > **Federations** : rugby, basketball, badminton, boxe, table tennis, fencing (3 armes), tennis, athletics, ...

MAIN SCIENTIFIC PUBLICATIONS

- > [Dinu D](#), Millot B, [Slawinski J](#), Louis J. An Examination of the Biomechanics of the Cross, Hook and Uppercut between Two Elite Boxing Groups. Proceedings. 2020;49(1):61. [Vers l'article](#)
- > [Dinu D](#), Houel N, Louis J. EFFECTS OF A LIGHTER DISCUS ON SHOULDER MUSCLE ACTIVITY IN ELITE THROWERS, IMPLICATIONS FOR INJURY PREVENTION. Int J Sports Phys Ther. 2019;14(4):592-602. [Vers l'article](#)
- > [Dinu D](#), [Tiollier E](#), Leguy E, Jacquet M, [Slawinski J](#), Louis J. Does Dehydration alter the Success Rate and Technique of Three-Point Shooting in Elite Basketball? Proceedings. 2019;2(6):202. [Vers l'article](#)
- > El-Oujaji S, Provot T, Bourgain M, [Dinu D](#). Difference of stability between two elite boxing groups: a preliminary study. Computer Methods in Biomechanics and Biomedical Engineering. 2019;22(sup1):S481-S483. [Vers l'article](#)
- > [Slawinski J](#), Louis J, Poli J, [Tiollier E](#), Khazoom C, [Dinu D](#). The Effects of Repeated Sprints on the Kinematics of 3-Point Shooting in Basketball. Journal of Human Kinetics. 2018;62(1):5-14. [Vers l'article](#)



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