



## ***PhD position at the University of Salzburg***

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PhD Position in Sport and Exercise Science | University of Salzburg  
“Biomechanics of Running Footwear – development of analysis methods”

Description of the project and the University

The Team Biomechanics of the Department of Sport and Exercise Science at the University of Salzburg offers a PhD position for up to 3 years in the area of “Biomechanics of Running Footwear – development of analysis methods” along with a well-known company in this field.

Requirements, desired skills and experience:

Obligatory:

- Master of Science or Master of Applied Science in Sport Science, Biomechanics, Sports Technology or close related fields. Applicants close to their final Master exams are welcome too.

Preferable:

- excellent skills and practical experience in one or more of the following research areas (preferable interdisciplinary competences):
  - biomechanics and physics
  - sports engineering, sports technology, sensor technology
  - signal processing, data mining techniques (big data, principal component analysis, support vector machines, etc.), statistics
- applied sports and close affinity to running
- autonomous and proactive working
- basic to advanced skills in programming in Python, R, Matlab, multibody simulation or similar software tools
- written and spoken English proficiency
- skills in dissemination of scientific results (e.g. writing scientific publications)
- flexibility and the ability to work in a team

Duration of the employment:

The successful candidate will first be offered a temporary position of one year with the option of renewal for up to two more years. Prolongation of the contract is subject to the progress in the first year. The preferred starting date is as soon as possible. The University of Salzburg offers, in accordance with the Collective Labour Agreement for Austrian Universities (§ 26 “Kollektivvertrag für die ArbeitnehmerInnen der Universitäten“ Verwendungsgruppe B1), a salary of € 2.228,60 gross per month (14 x) for a 30-h/week employment.

The applications can be submitted until October 20, 2021 to [hermann.schwameder@plus.ac.at](mailto:hermann.schwameder@plus.ac.at). Negotiations with optional fitting candidates will start immediately after having received the applications.