Anbieter

Universität
Universität Stuttgart

Institut / Einrichtung
Institut für Luftfahrtsysteme

Kategorie
Wissenschaftl. Stellen

Angebot

Titel
PhD: Airworthy Domain-specific Modelling

Einsatzort
Pfaffenwaldring 27
70569 Stuttgart
Deutschland

Beschreibung
Your opportunity to join the highly innovative, friendly, and international field of aircraft electronics and software:

Integrated Modular Avionics (IMA) are state of the art in all current air vehicles. IMA share computing resources in a highly safety-critical domain. Although having advantages in volume, weigh, and cost, IMA system development, integration, and configuration is very time consuming and costly. Domain-specific models and automation can reduce the effort significantly, but current methods and tools contain unsafe concepts and are based on technologies unsuitable for a productive use in aerospace tools. Within the project TALIA it shall be searched for deterministic domain-specific modeling and model transformation concepts as well as an implementation that is suitable for potentially qualifieable software tools.

Offered is a full position payed according to the German tariff (TV-L 13). A self-controlled management of project duties, publications, and technical and scientific progress is expected.

Application
Interested? Send your application including motivation, CV, and certificates to the email below.

German or English both are fine.

University of Stuttgart / Institute of Aircraft Systems

Anforderungsprofil

- PhD-eligible diploma or master in aerospace engineering or computer science
- Background domain-specific modelling, model transformation, or data-bases
- Basic knowledge in aerospace safety and certification regulations

Vergütung
TV-L 13

Art der Beschäftigung
Vollzeit

Zeitraum der Beschäftigung
nach Vereinbarung

Kontakt
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