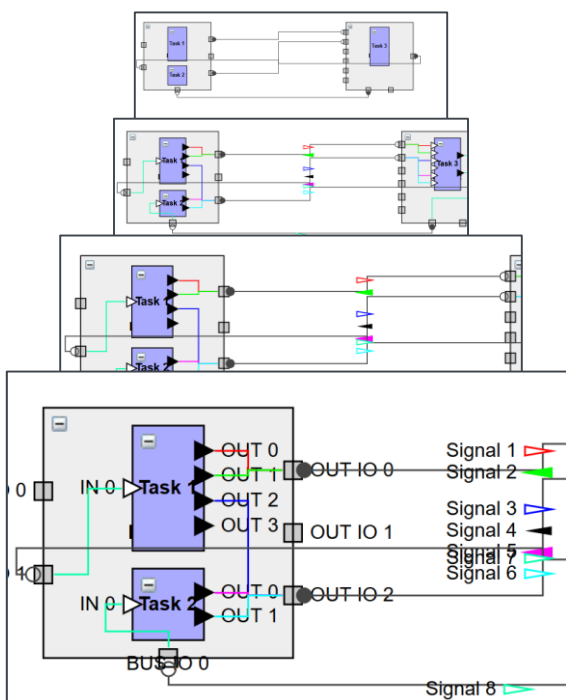


University of Stuttgart

Institute of Aircraft Systems

PhD/Doktorand*in
(Wissenschaftlicher
Mitarbeiter*in)



PROJECT TALIA

PhD: Visual Engineering of Avionics Systems

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 modern air vehicles. IMA shares computing resources safely in a safety-critical systems. The planning, configuration, and integration of IMA systems is, however, one of the most effortful tasks in modern air vehicle engineering. With in the project TALIA methods shall be developed that enable a simple, highly-automated, and graphical engineering of IMA systems. The goal is the development of new visualization schemes and a framework that allow the application in the IMA domain. Highly sophisticated visualization shall help engineers to grasp complexity, but must be designed with care in respect to usability, performance and qualification.

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.

Preferred Profile

- PhD-eligible diploma or master in aerospace engineering or computer science
- Background in computer graphics, layout-algorithms, web technologies, UI development, or domain-specific visualization
- Basic knowledge in aerospace safety and certification regulations

Application

Interested? Send your application including motivation, CV, and certificates to the email below. German or English both are fine.

Jun.-Prof. Björn Annighöfer

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