## AvioSE'22

## 4th Workshop on Avionics Systems and Software Engineering February, 22, 2022, Virtual Conference



## https://aviose-workshop.github.io



Software development in the aerospace domain is driven by demanding fault tolerance, increasing complexity, new application potentials, rising certification effort, and increasing cost pressure. New software development methodologies are required for future applications such as e.g., autonomous air transport, aircrew (workload) reduction, commercial Unmanned Aerial Systems (UAS), and further enhancement of existing functionality. At the same time, there are challenges in communication and navigation in airspace, certification for multi-core processors, artificial intelligence (AI) as well as security of software, hardware, and connectivity. The objective of the workshop is the exchange on new technologies, systems, software, methods and tools with an application in avionics. Desired are presentations within this domain from both academia and industry. Topics of interest, but not limited to these, are:

