



## Electro-Mechanical Actuators for Safety-Critical Aerospace Applications

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Deadline for manuscript  
submissions:

**closed (5 January 2023)**

### Message from the Guest Editor

This Special Issue is thus focused on advancements and innovations in the design, modelling/simulation, architectural definition, reliability/safety analysis, control, condition-monitoring and experimental testing of EMAs developed for safety-critical aerospace applications.

We encourage the submission of research papers on the above subject, as we are strongly interested in works that could contribute to progress toward the objectives of more-electric flights.

- high-fidelity dynamic modelling
- physics-of-failure modelling
- fault-tolerant control
- fail-safe/fail-operative systems
- jamming-tolerant actuators
- hardware and analytical redundancy
- diagnostic condition-monitoring strategies
- prognostic condition-monitoring strategies
- fault-detection and isolation
- failure transient characterization
- experimental test rigs
- EMA reliability/safety analysis (FTA and FMECA)
- innovative designs





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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