



# EuroGNC22



## 6th CEAS Conference on Guidance, Navigation & Control

Berlin, Germany | 3-5 May 2022

### First announcement and Call for Papers

#### About EuroGNC

EuroGNC is the biannual conference for the international community of researchers and practitioners in the field of aerospace guidance, navigation and control. It provides a platform to discuss latest research results, perspectives on future developments and innovative applications relevant to aerospace and aeronautics. Scientists and engineers from industry, research institutes and universities involved in the development of novel GNC methods, flight dynamic modelling and simulation, applications or technologies are invited to attend the upcoming EuroGNC held 2021 in Berlin, Germany. Presentations should primarily be focused on technical and scientific aspects of GNC architectures, algorithms and methods as well as flight dynamic modelling and simulation and on experience gained from real-life applications in those fields.

#### Topics

Control Theory, Analysis and Design; Novel Navigation, Estimation and Tracking Methods; Aircraft Guidance, Navigation, and Control; Flight Dynamics and Simulation; Modelling of Aerospace Systems; Spacecraft Guidance, Navigation and Control; Missile Guidance, Navigation and Control; Mini/ Micro Air Vehicle Guidance, Navigation and Control; Flight Testing and Experimental Results; Human and Autonomous/Unmanned Systems; Intelligent Control in Aeronautics and Astronautics; Aerospace Robotics and Unmanned/Autonomous Systems; Sensor Systems for Guidance, Navigation and Control; Guidance, Navigation, and Control Concepts in Air Traffic Control Systems

#### Venue

Berlin has a long tradition in GNC. Askania Werke AG in Berlin was one of the most important German companies for aviation and navigation instruments since the 1920s. 100 years later, the most important scientific conference on guidance, navigation and control in Europe takes place at the TU Berlin. The university is a renowned location for aerospace research. The campus is located in the heart of Berlin - one of the most fascinating metropolises in Europe.



Copyright: Philipp Arnoldt

#### Key Dates

August 01<sup>st</sup>, 2021 | Paper Submission Opens

October 31<sup>st</sup>, 2021 | Full Paper Submission Deadline

January 14<sup>th</sup>, 2022 | Paper Acceptance Notification

April 1<sup>st</sup>, 2022 | Final Paper Submission Deadline

#### Contact

Chair: Prof. Dr.-Ing. Flávio Silvestre  
(TU Berlin, [flavio.silvestre@tu-berlin.de](mailto:flavio.silvestre@tu-berlin.de))

Co-Chair: Prof. Dr. ir. Maarten Uijt de Haag  
(TU Berlin)

Organisation: Michael Geimer  
(DGLR, [michael.geimer@dglr.de](mailto:michael.geimer@dglr.de))

Web: [eurognc2022.dglr.de](http://eurognc2022.dglr.de)