

2º Brazilian Aerospace Congress JATM Special Issue

The Brazilian Aerospace Congress (CAB) is an event that aims at the synergy of institutions related to the Brazilian aeronautical and astronautics sector. The second edition of the event took place between September 16th and 19th, 2019, in Santa Maria, Rio Grande do Sul, with the theme: “Debates and Dialogue between the Actors of the Brazilian Aerospace Sector”.

The second Brazilian Aerospace Congress (II CAB) was hosted by the Federal University of Santa Maria (UFSM), and it is the result of the collaboration between the following entities: UFSM, Aerospace Association of Santa Maria (AASM), Brazilian Space Agency (AEB), Aeronautics Institute of Technology (ITA), Federal University of Minas Gerais (UFMG), University of Brasilia (UnB), Federal University of Maranhão (UFMA), Federal University of Santa Catarina (UFSC), Federal University of ABC (UFABC), Federal University for Latin American Integration (Unila), Positivo University (UP), Federal University of Rio Grande do Sul (UFRGS), Federal University of Pelotas (UFPel), Federal University of Pampa (Unipampa) and National Institute for Space Research (INPE).

The II CAB aims to promote dialogue between universities, research institutes, private enterprises, government, armed and security forces, public agencies, and investors, bringing the debate on the transfer of knowledge from the university to the industry sector.

The main objective is to establish an environment for discussing partnerships, projects, and collaboration between institutions, providing interaction between the aeronautics and astronautics sectors and the synergy of the participants with the Brazilian Space Program (PEB).

To broaden the sector’s point of view and create a scope beyond academic research, the event promoted the integration of studies from the strategic, technological, and productive contexts, with the demands for technologies in defense and security, to discuss production and innovation models.

The event also aims to foster the culture of working with aerospace engineering in the institutions. The interdisciplinary nature of the sector means that works from different areas can be used in the aerospace sector opportunities.

To fulfill what is proposed, the event was divided into sessions to address the theme from different perspectives. Therefore, the event included technical sessions, lectures, round tables, mini-courses, technology showroom, and technical visits.

The II CAB received 144 submissions, from which 77 full papers were accepted for publication in the proceedings of the event, after two rounds of double-blind peer review. From these, 24 submissions were selected by the reviewers and invited to submit to the Journal of Aerospace Technology and Management’s special issue. Finally, nine submissions were accepted for publication in the journal after two rounds of double-blind peer review.

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Organization Committee of II Congresso Aeroespacial Brasileiro
