

Editorial



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Dear readers,

Experts agree that the year 2020 puts high expectations on the global aviation. Despite of many airlines flying at the edge of their bare existence, the industry as a whole is growing steadily. From the theory, we know that this is quite reliable indication of global markets being under control, despite of many saying the opposite. Nevertheless, I would like to point to some other, more hidden aspect of the current situation. Safety experts say that we already live the crisis of the high-tech world, aviation being no exception. We exploit our technology to the edge of its capabilities while running extremely competitive markets. On one hand, technology reliability has grown remarkably, especially in the aviation, which enabled such aggressive competition. On the other hand, complexity of the industry has grown hand-in-hand with the technology. We are ever more trapped in the situation where nobody can explain all aspects of the technology or procedures we use, thus reliance on shared expertise and knowledge grows. In this new setting, I think we face completely new challenges. We have to think about complexity in our research; we have to take systemic perspectives with our new solutions. I wish the year 2020 will address these challenges and our research will bring desired solutions.

Jakub Kraus | Editor-in-Chief