



Invitation for the ramping up workshop of the “high speed initiative” student innovation challenge

Dear colleague,

We kindly invite you to participate in a workshop on October 21st in Porto (Portugal) to share with you an educational student challenge initiative in aviation engineering proposed by EASN, ESA and CERN. This workshop takes advantage for logistic reasons of the upcoming 6th EASN International Conference on Innovation in European Aeronautics Research October 18 – 21 (<https://easnconference.eu/>).

The proposed initiative is an education-driven student innovation project using a massive open on-line (MOOP) platform, as an extension of the current [CBI program](#) at CERN's [IdeaSquare](#). It poses an engineering-driven challenge for cross-disciplinary university students: **design a high speed, 300-passanger aircraft that, based on a new business model, demonstrates economic viability**. It is planned to ramp-up in 2017 starting with different engineering-driven student assignments building-up on the existing teaching curriculum of the participating home universities. The aim is not to compete or question other research projects on supersonic civil aircrafts ^[1] but rather to offer supervised (under)graduate students the opportunity to innovate collectively and in a new interdisciplinary manner.

The success of the proposed initiative will crucially depend on the collaboration among universities and university students from all over the world with a strong expertise in aeronautics, engineering, electronics, business management and design that are willing to contribute in the spirit of Open Science and Open innovation.

The objective of the workshop will be to describe in more detail this initiative and define the first organizational steps for ramping it up with the advice and help of invited participants. Further details about the agenda and venue will be made available to you in due time. We will kindly ask you to confirm as soon as possible your intention to participate for logistic reasons.

Contact information & confirmation of assistance:

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[1] See e.g. [LAPCAT](#), [ATLLAS I and II](#), [HIKARI](#).