

2nd SYMPOSIUM ON ADVANCED IN-FLIGHT MEASUREMENT TECHNIQUES

- 9th to 10th of September 2014 -
DLR - GÖTTINGEN
(GERMANY)

General. Flight testing is the most critical and time- and budget-consuming phase of aircraft development. Within a short time reliable performance data of the new airframe have to be gathered; this includes structural, aerodynamic and flight mechanic parameters. Advanced optical measurement techniques such as those developed within the collaborative project AIM² (Advanced In-flight Measurement techniques 2) are able to deliver such data after a very short time, and in addition can minimize the installation effort on the airframe compared with classical measurement techniques. Furthermore they work mostly non-intrusively and are able to capture a large amount of important data in an area or over a volume at one instant of time.

Scope. The 2nd Symposium on ADVANCED IN-FLIGHT MEASUREMENT TECHNIQUES focuses on the presentation of the tests performed with such optical methods within

the AIM² project and is intended to be the final project meeting. Participants will get a good overview on what is possible with these measurement methods and will be able to discuss with specialists about any important issues concerning these techniques and their applications. Furthermore, other interesting presentation concerning advanced in-flight measurement techniques or optical measurement techniques for ground testing are also solicited. Selected papers will be published in a special feature of the Measurement Science and Technology journal.

Venue. The Symposium is going to be held at:

Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR)
Institute of Aerodynamics and Flow Technology
Bunsenstr. 10
37073 Goettingen
Germany
<http://www.DLR.de>

Dates.

Deadline of abstract submission:	08.08.2014
Accept/Reject information:	15.08.2014
Latest possibility for registration:	31.08.2014
Deadline for presentation:	05.09.2014
Deadline for paper submission:	30.09.2014

Organizing Committee.

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Further information and registration.

Can be found at:

<http://aim2.dlr.de>