

CONTRIBUTING STAKEHOLDERS



EMAV 2010

By Peter Vörsmann

The annual European EMAV is an integral part of IMAV 2010. As before IMAV 2010 includes an indoor and outdoor flight competition of MAVs and will be held in Braunschweig, Germany from 06 - 08 July 2010. All relevant information on www.imav2010.org or www.dgon.de (button: IMAV 2010).

IMAV 2010 will again be organised, as already in 2004, 2006 and 2008, by Professor Peter Voersmann and the German Institute of Navigation (DGON). He is currently the DGON President and as well Director of the Institute of Aerospace Systems at the Technische Universität Braunschweig.

The conference shall serve as a platform to exchange information on the state-of-the-art of MAVs and provides a forum for the discussion of current issues and future prospects in the field of Micro Air Vehicles. Furthermore, the IMAV 2010 offers the possibility to demonstrate the latest achievements in MAV research and development during a flight competition. The technical exhibition will complement the conference.

Since 2004, when the first MAV conference and flight

competition took place in Braunschweig (EMAV 2004), these events have attracted participants from all over the world. For the IMAV2010, participants are expected from the USA, Australia, Asia and the European Union.

Both the indoor and the outdoor event consist of two separate competitions, one focusing on high manoeuvrability, the other one focussing on the MAV's ability to perform a complex autonomous mission. The competitors will demonstrate fixed-, rotary- and flapping-wing MAV's and may be confronted with strong winds and gust conditions in the outdoor competition.

Since the first MAV events science and technology in the field of Micro Air Vehicles has established its role as one of the most innovative subjects in aerospace system engineering including a high level of interdisciplinarity with other sciences, e.g. computational sciences and robotics. Furthermore the IMAV 2010 also addresses participants from science and industry planning the application of MAVs as a platform for scientific or commercial purposes as well.



Jean-Claude Metzger
ETH Zürich
Rotary
Size: 520 mm
Weight: 640 g



Mehran Ali Azizi
Malek Ashtar University Of Technology
Rotary Wing
Size: 35 mm
Weight: 450 g