

Organisation Scientifique et Technique Internationale  
du Vol à Voile (O.S.T.I.V.)

## OSTIV PRIZE

awarded to

*the Flarm Team:*

*A. Schlapbach, U. Rothacher and U. Mäder*

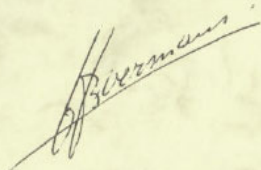
for the development of the collision  
avoidance system FLARM.

With great enthusiasm and dedication they  
developed the collision avoidance system FLARM  
that warns against aircraft and obstacles,  
thus increasing the safety of gliding and  
saving lives of pilots.

**Presented on occasion of the**

**Opening Ceremony of the XXVIII OSTIV Congress**  
June 8 2006, Eskilstuna, Sweden.

**The Board of OSTIV,**



*Prof. ir. L.M.M. Boermans*  
President of OSTIV



**flying close together and distinguishes Flarm from other possible warning systems, such as those based on transponder signals or ADS-B transmissions. The system also enables warnings for the prevention of collisions with ground obstacles like masts and cables.**

**Since warnings can only be provided between Flarm-equipped aircraft, a wide and fast dispersal of the system is essential. The Flarm team organised this distribution such that potential users must join the network before obtaining their Flarm; this helps in keeping the price low. The Flarm team has also offered other organisations and companies the use of their system or algorithms in exchange for developing periphery equipment that will enhance the functionality of Flarm, or to build their own systems that emulate the functionality of Flarm. Other flying communities have been invited to use Flarm with the result that helicopters, hang gliders, tow planes and motorgliders have been equipped, and a variant for parachutists is being developed.**

**Until now more than 3500 gliders have been equipped with Flarm. The FAI has recognised the safety aspect and amended the Code Sportif to allow the system to be used in gliding competitions.**

**Thanks to their efforts, the Flarm team has provided the gliding community with a very useful means of reducing the number of collisions between sailplanes and ground obstacles, which have already taken the lives of so many fellow pilots.**

**The Board of OSTIV  
(Loek M.M. Boermans, President)**