



PReVENT
Fusion Forum
2nd Workshop

Paris
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Fusion Forum goals



- Gather SDF actors' needs, requirements and ideas
- Spread ProFusion2 proposed ideas and initiatives to an expanded audience
- Create a Forum where Industry (both developers and users) can be in close contact with the Research Community and a common understanding can be built between the various entities both present in ProFusion2 and with the external world

Register www.prevent-ip.org

http://www.prevent-ip.org/en/prevent_subprojects/horizontal_activities/profusion/fusion_forum.htm



Objectives



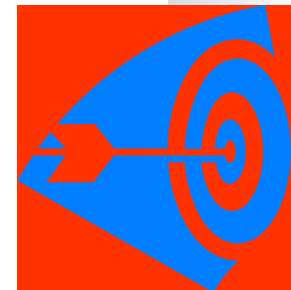
- Create critical mass to influence developers/vendors/standards organisations in order to solve specific issues related to existing historical/business limits (e.g. interoperability issues);
- Distribute experiences on performed tests and evaluations;
- Assist in defining and start realising the roadmap for SDF;
- Validate ProFusion2 results (i.e. through quality review of some deliverables), and
- Support dissemination of information on ProFusion2 events and workshops, ProFusion2 communication and other general information.
- Promote future R&D activities and cooperation



Key for success



- Capable of being advantageous in particular to ProFusion2 partners.
- Capable of bringing clear advantages also to other participants.
- Being accessible also to individuals and capable to spread a positive attitude towards the SDF utilisation.
- Gain acceptance by all SDF actors both inside PReVENT but also outside it.
- Be the place where new ideas and concepts will be borne, discussed and implemented through new initiatives



Membership



- The *Fusion Forum* includes key organizations from all over the world that will be in close contact with the ProFusion2 activities. By becoming a Fusion Forum member, you will be able to:
 - Be the first to know about ProFusion2 results
 - Consult a number of project deliverables
 - Build synergies through the Network and supply any external collaboration if required
 - Be able to propose research ideas to ProFusion2 and obtain Profusion support and collaboration from some of its partners.
 - Receive invitations and participate in a number of ProFusion2 events
 - Receive the ProFusion2 annual e-journal
 - Participate in the discussion of new research initiatives
- In exchange, your active contribution in the Fusion Forum is essential, and you may be asked to:
 - Provide your expert point of view on ProFusion2 results and roadmap
 - Provide a quality review of some ProFusion2 deliverables on a confidential basis
 - Act as members of the scientific committees of ProFusion2 Workshops and e-journal
 - Participate actively to its events and workshops



Current activities of Fusion Forum



- 2 International Workshops
 - 1st workshop, 8th March 2006, Brussels
 - 2nd workshop, 2007
- 3 Volumes of the Fusion Forum e-Journal
 - 1st Volume in September 2006
 - 2nd Volume in September 2007
 - 3rd Volume (2008)
- Special sessions
 - Special session in ITS London 2006
 - Special session IEEE IV 2007, Istanbul
 - Special session ISIF 2007, Quebec City
- Stands
 - ProFusion2 stand in PReVENT IP exhibition
- Invited talks and lectures
- Submission of papers to conferences and journals



The ProFusion e-Journal:

- Publishes unique research papers on sensor data fusion in automotive environment following a review procedure.
- Promotes research activities and developments of ProFusion partners and in general inform about ProFusion2 activities.
- Promotes the use of sensor data fusion to the automotive industry



Call for papers at <http://www.prevent-ip.org/profusion>
http://www.prevent-ip.org/en/prevent_subprojects/horizontal_activities/profusion/1st_fusion_forum/call_for_papers.htm



Vision for the future



- FUSION Forum is here to stay...
 - Influence future SDF deployment
 - Contribution to standards
 - Be the birth place of new concepts, methods and tools
 - Support new research initiatives
- Survive after the end of PReVENT...
 - Establish an annual European workshop on fusion related issues
 - Establish the e-Journal and why not...
 - Expand to all transport related modes



1st Fusion Forum Workshop



- Welcome
- Enjoy and actively participate to the discussions of the workshop
- For more info on the Fusion Forum, contact:

PreventFusionForum@iccs.gr

Or visit

www.prevent-ip.org



Programme



Opening session – introduction (4 talks)

Industrial sessions (7 talks)

- R&D activities
- Fusion applications
- Evaluation of Fusion systems
- Future research directions

ProFusion Research Activities (4 talks)

- Early sensor Fusion
- Multi-Level Fusion
- Track Level Fusion
- Grid Fusion

Research session (4 talks)

Maps as predictive sensors (4 talks)

Closing

