



**Call for papers for a special issue of
Information Fusion
An International Journal on Multi-Sensor, Multi-Source Information Fusion
An Elsevier Publication
On
“Information Fusion for Cognitive Automobiles”**

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The Journal „Information Fusion“, Elsevier, intends to publish a special issue on “Information Fusion for Cognitive Automobiles”. Future automobiles will be equipped with numerous different sensors and with the capability to automatically communicate, and exchange information, with other cars and with a technically equipped environment. Moreover, a lot of prior knowledge, especially about the traffic infrastructure, will be carried on-board and future automobiles will be capable of automatically accessing different information sources, e.g. by using the internet. How can this multitude of available data, information and knowledge from on-board and external sources be fused and utilized, in order to make future cars safer, more comfortable and environmentally sound - or to allow them to act intelligently?

*Manuscripts (**which should be original and not previously published or presented even in a more or less similar form under any other forum**) covering new applications as well as the theories and algorithms developed to address these applications are invited. Contributions should be described in sufficient detail to be reproducible on the basis of the material presented in the paper.*

Manuscripts should be submitted electronically online at <http://ees.elsevier.com/infus>. The corresponding author will have to create a user profile if one has not been established before at Elsevier. Simultaneously, please also send without fail an electronic copy (PDF format preferred), to the Guest Editor(s) listed below.

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