

# Accepted Manuscript

On-line Fusion of Trackers for Single-Object Tracking

Isabelle Leang, Stéphane Herbin, Benoît Girard, Jacques Droulez

PII: S0031-3203(17)30378-3  
DOI: [10.1016/j.patcog.2017.09.026](https://doi.org/10.1016/j.patcog.2017.09.026)  
Reference: PR 6293

To appear in: *Pattern Recognition*

Received date: 21 April 2016  
Revised date: 15 September 2017  
Accepted date: 16 September 2017

Please cite this article as: Isabelle Leang, Stéphane Herbin, Benoît Girard, Jacques Droulez, On-line Fusion of Trackers for Single-Object Tracking, *Pattern Recognition* (2017), doi: [10.1016/j.patcog.2017.09.026](https://doi.org/10.1016/j.patcog.2017.09.026)



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Highlights**

- The work focuses on the design of good strategies for the on-line fusion of trackers.
- Fusion can operate at two levels: tracker output selection and model correction.
- We show experimentally that the ability to predict drift is essential for fusion.
- We propose a tracker complementarity measure to choose the best tracker combination.

Download English Version:

<https://daneshyari.com/en/article/4969506>

Download Persian Version:

<https://daneshyari.com/article/4969506>

[Daneshyari.com](https://daneshyari.com)