

## Lecture Notes in Computer Science

The LNCS series reports state-of-the-art results in computer science research, development, and education, at a high level and in both printed and electronic form. Enjoying tight cooperation with the R&D community, with numerous individuals, as well as with prestigious organizations and societies, LNCS has grown into the most comprehensive computer science research forum available.

The scope of LNCS, including its subseries LNAI and LNBI, spans the whole range of computer science and information technology including interdisciplinary topics in a variety of application fields. The type of material published traditionally includes

- proceedings (published in time for the respective conference)
- post-proceedings (consisting of thoroughly revised final full papers)
- research monographs (which may be based on outstanding PhD work, research projects, technical reports, etc.)

More recently, several color-cover sublines have been added featuring, beyond a collection of papers, various added-value components; these sublines include

- tutorials (textbook-like monographs or collections of lectures given at advanced courses)
- state-of-the-art surveys (offering complete and mediated coverage of a topic)
- hot topics (introducing emergent topics to the broader community)

In parallel to the printed book, each new volume is published electronically in LNCS Online.

Detailed information on LNCS can be found at [www.springer.com/lncs](http://www.springer.com/lncs)

Proposals for publication should be sent to  
LNCS Editorial, Tiergartenstr. 17, 69121 Heidelberg, Germany  
E-mail: [lncs@springer.com](mailto:lncs@springer.com)

ISSN 0302-9743



[springer.com](http://springer.com)

Lecture Notes in  
Computer Science

LNCS

LNAI

LNBI

ACIVS  
2013

Advanced Concepts  
for Intelligent Vision Systems

LNCS  
8192



Blanc-Talon et al. (Eds.)

LNCS 8192

Jacques Blanc-Talon Andrzej Kasinski  
Wilfried Philips Dan Popescu  
Paul Scheunders (Eds.)

# Advanced Concepts for Intelligent Vision Systems

15th International Conference, ACIVS 2013  
Poznań, Poland, October 2013  
Proceedings

 Springer