



UP
@KDD2010

usefulpatterns.org





Welcome to UP

Workshop on Useful Patterns

July 25th

9 AM – 5 PM

Organized by:

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University of Antwerp





Why UP?

Clearly, patterns can be very useful

- explore structure in complex data
- provide insight (e.g. to experts)

Patterns can also be *used* very well

- better classification, clustering, ...

In practice, however,
pattern mining is *hard* to use

- too many results, difficult to grasp





Why UP?

How to make the results of
pattern mining useful?

That's exactly what we
want to discuss at UP.





What's UP?

Two keynote presentations (60m)

- Jiawei Han (UIUC, USA)
‘Mining Useful Patterns:
My Evolutionary View’
- Geoff Webb (Monash, Australia)
‘Association Discovery’



What's UP?

Eight regular presentations (20m)

High quality and very relevant work

- on diverse topics, viz.
visualizing patterns,
down-sampling data,
pattern set summarization,
useful pattern selection,
useful pattern mining,
and using patterns



What's UP?

Highly international

- 24 authors, at least 9 nationalities
- labs from at least 5 different countries

Proceedings available

- KDD'10 Digital Proceedings
- ACM Digital Library



Program

- 9.00 Invited Talk by Jiawei Han
- 10.00 *Coffee Break*
- 10.30 Research Session 1 (4 talks)
- 12.00 *Lunch*
- 14.00 Research Session 2 (3 talks)
- 15.00 *Coffee Break*
- 15.30 Research Session 3 (1 talk)
- 16.00 Invited Talk by Geoff Webb
- 17.00 *Closing*



Thank you!

As organizers, we very much like to thank:

- **our program committee**
M. Berthold, B. Bringmann, J. Fürnkranz, V. Gopalkrishnan,
R. Jin, E. Keogh, A. Knobbe, A. Koopman, C.K. Leung,
S. Parthasarathy, J. Pei, K. Puolamäki, G. Webb
- **our invited speakers**
Jiawei Han and Geoff Webb
- **all authors**
- **and most prominently, all attendees!**



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