

# Computer-Aided Search Heuristic for Blind Revocable Identity Based Encryption Schemes

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16 August, 2011

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- ▶ Chaum and Evertse used computer-aided search in their seminal paper from CRYPTO'85.
- ▶ Some claim that automatic solvers, such as SAT solvers or Gröbner base solvers are just a heuristic automated solvers.

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- ▶ Various extensions to the basic IBE concept were introduced since:
  - 1 Hierarchical IBE (HIBE),
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- ▶ However, up until now, no primitive dealt with the problem of revoking an issued key in IBE schemes.

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- ▶ When one loses his identity (e.g., joins a cult, get brainwashed, bitten by a zombie).

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## Journal of Cryptology

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## Journal of Craptology

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- ▶ The journal of recreational cryptology.
- ▶ Started in 1998 (by our founding fathers, Lars, Keith, and Vincent).
- ▶ Revived in 2005 (by the current board).
- ▶ Latest volume — February 2010.
- ▶ Waiting for another paper to publish the new volume.

# Call For Paper

Contributions must adhere to the strict criteria:

- ▶ Craptologic research
- ▶ Funny and amusing
- ▶ Controversial
- ▶ Non-offending (unless...)



# New Directions in Craptology

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# Summary

Enjoy the short backlog and lack of page limit!

Past issues, more information, and lot's of  
crap(tology):

<http://www.anagram.com/~jcrap>