Open Access

Peter Schwabe

Radboud University, Nijmegen, The Netherlands

June 7, 2016

Summer school on real-world crypto and privacy
Šibenik, Croatia

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12. AGREES to further promote the mainstreaming of open access to scientific publications by continuing to support a transition to immediate open access as the default by 2020"

—Brussels, 17 May 2016

“A great deal of time in research is spent on doing the same things over and over again by different groups and people. In part this redundant work is necessary to understand and verify previous results and techniques, but still a significant amount of time is wasted simply because results are not publicly available or not usable because of copyright restrictions. This wasted time could be saved if all results (including software) of all publicly funded research automatically entered the public domain.”

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—me, Eindhoven, 24 January 2011

OA Advantages

For the community

- Reduce effort for others to find/obtain papers
- Make your results verifiable
- Make it easier for others to improve on your results
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OA Disadvantages

- Hard to do for some high-ranking journals
- Can be expensive
- Can be tedious

Green, Hybrid, and Gold OA

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- Examples: arXiv, IACR's eprint

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- Authors pay an "article processing fee" (APC)
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Hybrid

- Similar to Gold, but OA only as an option
- Publisher makes part of the revenue also through subscriptions

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- Don't underestimate your negotiation position
- Don't underestimate the value of open access (see advantages before)

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- Submit high-speed crypto software to eBACS: `http://bench.cr.yp.to`

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- Similar for *software* implementations on special hardware
- Hopefully useful example:
  `http://munacl.cryptojedi.org/curve25519-cortexm0.shtml`

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- Dont's sign *anything* that you are not comfortable with

Questions?

peter@cryptojedi.org