Article Processing Charges.

Alexander Wagner, *für* ***JOIN***^{2}

4th IUGW

Garching, 22.03.2017

HELMHOLTZ GEMEINSCHAFT

DESY

Overview

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- APC and OpenAccess
- APC handling in **JOIN**^{2}
- OpenAPC-DE

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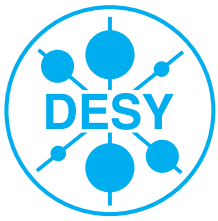
Article Processing Charges.

Part I: APC and



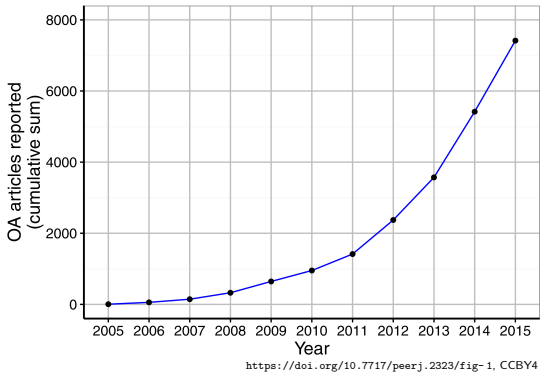
Costs for Publishing

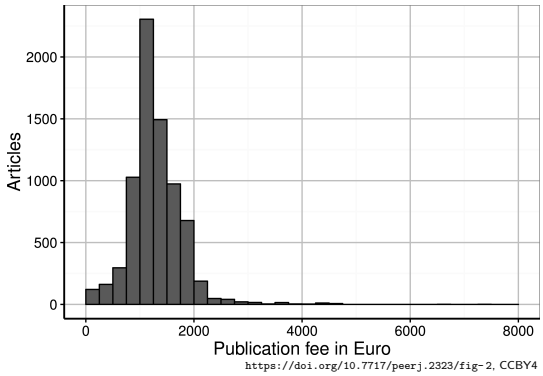
Traditionally: costs are covered by subscriptions, **however**

- Page charges (based on article length)
- Colour charges (colour graphics, usually for print)
- Cover usage (the journal uses one of the authors images)
- Submission charges (sometime no refund, if not accepted)
- Reprints (historically relevant, now in decline)
- Voluntary charges
- NEW Hybrid OpenAccess (buy OpenAccess for articles in ClosedAccess journals)
- NEW Article Processing Charges (OpenAccess publisher)

Without subscriptions (commerical) publisher charge the authors

APCs – some numbers





Jahn N, Tullney M. (2016) **A study of institutional spending on open access publication fees in Germany.** *PeerJ* 4:e2323 `https://doi.org/10.7717/peerj.2323`

OpenAIRE (FP7 Post-Grant)	€792.703	**€1.452**
Austrian Science Fund (FWF)	€7.187.295	**€2.169**
Wellcome Trust	€10.750.792	**€2.456**
Forschungszentrum Jülich	€196.869	**€1.246**

Source: OpenAPC-DE/intact project, 2017-03-12

This is going to be expensive...

- Detailed tracking required (many bills, different cost centres)
- Cost transparency for users
- Integrate with authors helpdesk (also copyright issues etc)
- OpenAccess: make available on site
- Hook up wiht OpenAPC-DE (lessons learned: "serials crisis")
- Make sure articles are reported for evaluation

Article Processing Charges.

Part II: APC handling in JOIN²

Outline

- Repositories: ideal for bibliographic data
- Invenio: Marc21
  - easy addition of costs (Marc Holdings)
  - handling like book purchases (learn from ILS usage)
- NEW Define simple interface to add data (unlike ILS: no `bibedit`)
- NEW OpenAPC-DE additions (together with G. Deinzer, Regensburg University Library)
  - define metadata format and OAI set
  - OAI-harvesting (cost records)
- NEW Simple reporting table

1. `SetupEditors.py` (new group `APC_Staff`)
2. bibformat elements (`bfe_APC.py`, `bfe_openapc.py`)
3. storage backend (`HandleAPC.py`)
4. reporting table (`APC_join2.py`)

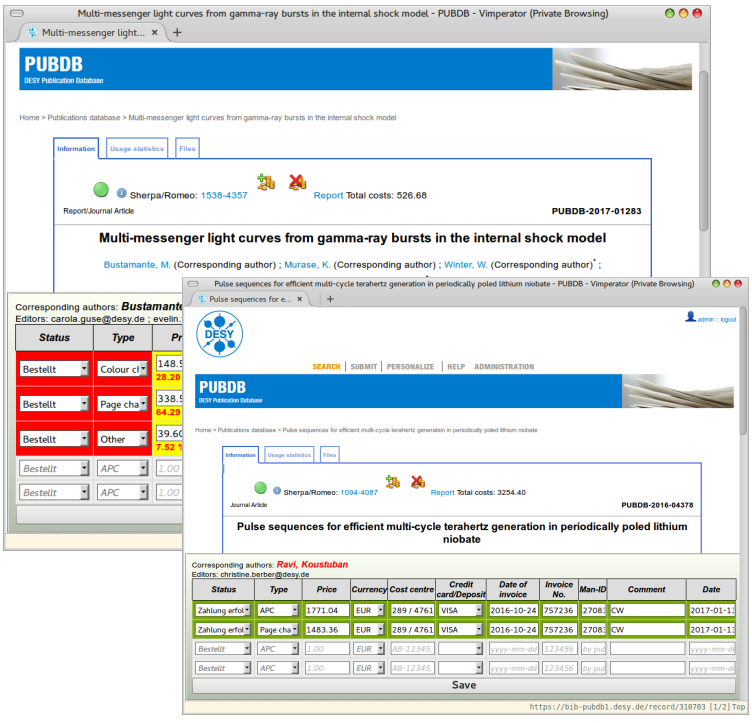
Data input

- Identify local corresponding author
- Multiple stati (ordered, payed, cancelled, deposit)
- Cost types (APC and closed access costs, e. g. page charges)
- Handling for institutes (add cost codes)
- Display editors for institutes involved (easily check back)
- Prices in various currencies (usually EUR, USD, GBP, CHF)
- Convert foreign currencies to EUR (Budgeting)

Currency conversion is done manually

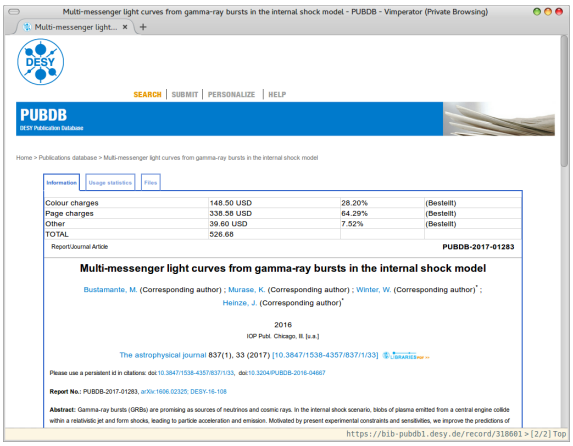
- DESY: use accounts from financial department
- Jülich: use current exchange rates

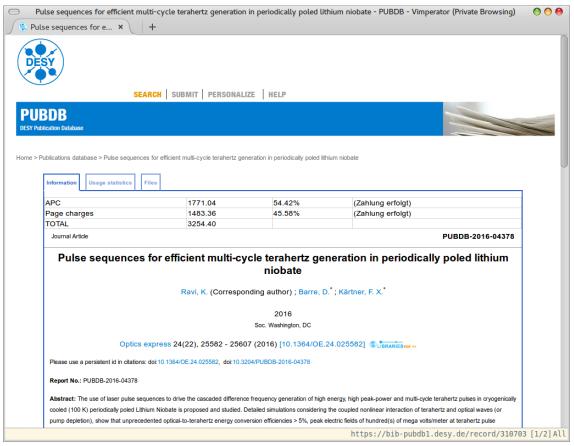
Data input



- Simple HTML Form
- HTTP-Post
  (stores via sync `bibupload`)
- Values via `CFG_*`
- Colour code status
- %: to ease splitting
- `bfe_element` + CSS
- Marc 8767_ (cf. ILS)

User display

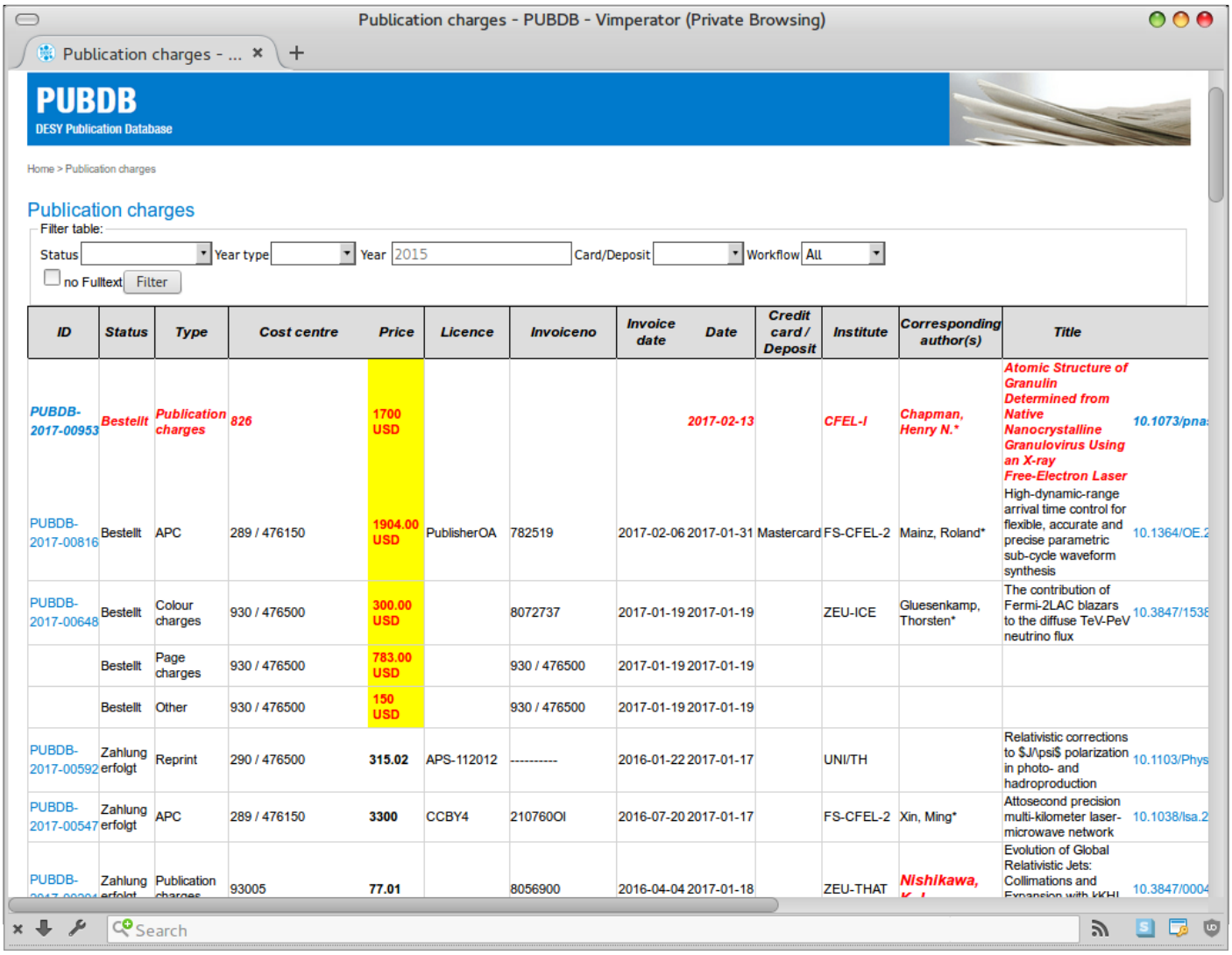




- require login
- simple table display
- show charges and status
- users see data only per article
- implemented as `bfe_element`

Reporting

- Signify missing fulltexts (we payed for it!)
- Signify missing local corresponding authors (usually we shold not pay)
- Group by publication (several cost typs)
- Show licence information stored (if we pay it should be *LibreOA*)
- Display main contributing institute
- Give bibliographic reference (mainly DOI to fetch the fulltext)
- Identify journal (journal ID)
- Add filters:
  - Status
  - Year (JOIN^2 has several...)
  - Credit card (different internal accounting)
  - Workflow status
  - no Fulltext



Article Processing Charges.

Part III: OpenAPC-DE

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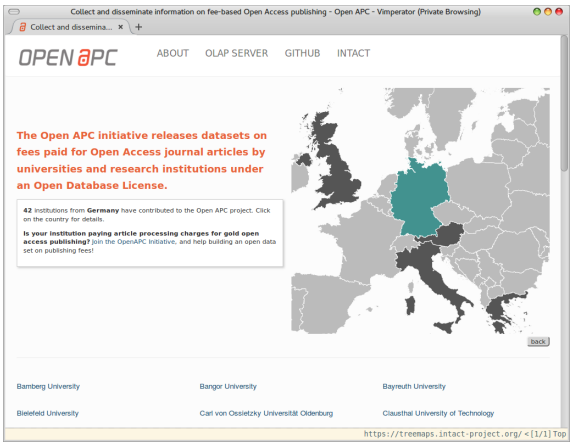
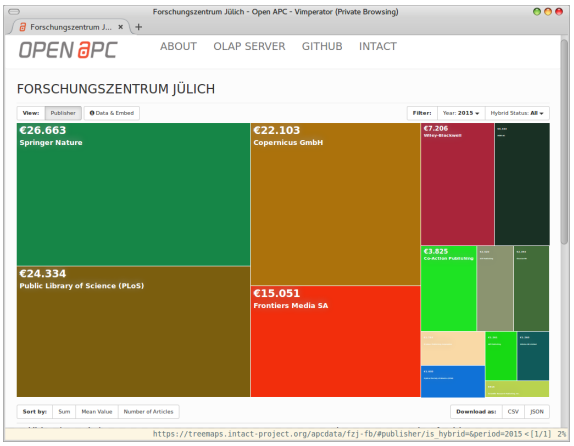
OpenAPC-DE





- Data delivery: email + CSV, now OAI-PMH
- hosted on github, powered by Bielefeld University

Join at `https://github.com/OpenAPC/openapc-de`!

OpenAPC-DE XML format

```
<openapc:collection>
    <openapc:doi>10.1364/OE.24.025582</openapc:doi>
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</openapc:collection>
```

+ OpenAPC-DE OAI set definition

Work done with Gernot Deinzer, Regensburg University Library

Status

- easy addition of costs to articles
- normalized vocabulary
- OAI exposure

TODO

- Workshop with cataloguers (first hand feedback)
- Clean up statistics key assignment (also OpenAccess differentiation)
- Integrate with approval workflow

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Thank you!

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