



Weizmann Library

**Breaking out of the Box:
Harnessing RIMS Analytics to Serve
Researchers**



מכון ויצמן למדע

WEIZMANN INSTITUTE OF SCIENCE

22 March 2022

CNI Spring 2022 Membership Meeting

Joan Kolarik, Chief Librarian

Weizmann Institute of Science



- Leading multidisciplinary basic research graduate institution
 - Biochemistry, Biology, Chemistry, Physics, and Mathematics and Computer Science, and Science Teaching
- Founded in 1934
- Located in Rehovot, Israel
- Over 650 M ILS research budget
- Grants – about 1,200 active at any given time
 - 70% success rate for ERC grants since 2017 – highest “in” Europe

Weizmann Staff and Students

- 280 research groups
- 190 staff scientists
- 1,100 students – approximately 1/3 MSc and 2/3 PhD
- 367 postdoctoral fellows from 35 countries
- 12 Library + Archive, full-time professional staff



The Weizmann Library

- Overwhelmingly virtual with > 92% of all books and journals online
 - 2 small, physical campus libraries
- RIMS / CRIS
 - 2003 → home-grown system
 - 2014 → Aleph
 - 2018 → Pure = CRIS
 - 2018 → Alma / Primo = Institutional Repository
 - 2021 → Esploro = [WIS Works](#), CRIS + Institutional Repository

WIS Works Use Cases

AKA, How does our Library support researchers?

- **Faculty activity reporting**
 - Promotion and tenure support
- **Public portal / WIS Works**
- **Metadata reuse**
 - Lab publication pages
 - ORCID, Altmetric, etc
- **Strategic reporting**
 - Collaboration
- **Open access workflow**
 - APC agreements
 - OA versions
- **Compliance monitoring**
 - Track grant-related publications
 - Notify researchers of missing OA
 - Grant publications reporting

Compliance Monitoring

- **Problem** = OA requirement: grant-related publications reported at least twice during grant life and publications must be OA
 - ✓ Solution: grant and OA information in WIS Works
- **Problem** = Procrastination: researchers remember need to report publications about 1 week before due date
 - ✓ Solution: Grant Office cc's Library on compliance notices 2 MONTHS early
- **Problem** = Finding accepted version: by the time a report is due, over a year may have passed
 - ✓ Solution: ...

Solution: Proactive Missing OA Notice

Combines tools from Esploro, Alma, and Analytics

1. (Esploro) ERC grant information added to new assets
2. (Analytics) Report checks updated assets for OA compliance
3. (Analytics) Narrative view customized to researcher
4. (Alma) Scheduled report with cover letter customized to compliance monitoring, sent when updated asset meets criteria

Step 1: Grant + Open Access

- Assets include ERC grants + open access version, if found

Grant Name	Grant ID	Grant URL	Funder, funder agency
1 New Horizons in Quantum Matter: From Critical Fluids to High Temperature Superconductivity	817799	https://cordis.europa.eu/project/id/817799	European Research Council (Belgium, Brussels) - ERC

Grant Note: We thank A. Chubukov, S. Kivelson, and Y. Schattner for useful discussions. This work was supported by the European Research Council (ERC) under grant HQMAT (Grant Agreement No. 817799), the US-Israel Binational Science Foundation (BSF) under Grant No. 2018217, the Minerva foundation, and a research grant from Irving and Cherna Moskowitz.

JOURNAL ARTICLE | AN OPEN VERSION IS AVAILABLE | PEER REVIEWED


Isospin Pomeranchuk effect in twisted bilayer graphene

Yu Saito, Fangyuan Yang, Jingyuan Ge, Xiaoxue Liu, Takashi Taniguchi, Kenji Watanabe, J I A Li, Erez Berg and Andrea F Young [Show details for 9 authors](#)

Nature (London), Vol.592(7853), pp.220-224; 07/Apr/2021;
DOI: <https://doi.org/10.1038/s41586-021-03409-2>
PMID: 33828322

[View](#) [Share](#) [Export](#)

Files and links

 eb_Nature_IsospinPomeranchuk_AM2021 | 9.21 MB [Download](#) [View](#)

Accepted | Free to read and download, Open Access

VS

JOURNAL ARTICLE | PEER REVIEWED

Specific Heat of a Quantum Critical Metal

Ori Grossman, Johannes S Hofmann, Tobias Holder and Erez Berg [Show details](#)

Physical review letters, Vol.127(1), 017601; 30/Jun/2021;
DOI: <https://doi.org/10.1103/PhysRevLett.127.017601>

[Share](#) [Export](#)

Step 2: Analytics Open Access Check

- Analytics report identifies missing OA on grant-related assets

Asset Details	Research Assets Measures	Asset Identifiers	Asset Details	Asset Dates	Asset Grants and Funders	
Open Access Indicator (published version)	Number of Assets with Files	DOI Asset Id	Publication Details Title	Published Year	Grant ID Grant Funder Grant Name	
		Asset Creators and Contributors		Asset Modification Date	Asset Creation Date	Local
		Author Preferred First Name Author Preferred Last Name		Asset Modification Date	Asset Creation Date	Compliant

Filters

- Grant ID is equal to any Grant ID in OA Compliance Step1 Grants
- AND Author Preferred First Name is equal to any Researcher First Name in OA Compliance Step1 Grants
- AND Author Preferred Last Name is equal to any Researcher Last Name in OA Compliance Step1 Grants
- AND "Asset Modification Date"."Asset Modification Date" > TIMESTAMPADD(SQL_TSI_DAY,-5,CURRENT_DATE)
- AND Number of Assets with Files is equal to / is in 0
- AND Case WHEN Asset Epublished Date (Cal... is equal to / is in NO
- AND Open Access Indicator (published version) is equal to / is in No; Unknown

Step 3: Analytics Narrative View

- Narrative view* customized to researcher

Erez,
A publication which is **NOT** open access but which mentions one of your grants has been added to **WIS Works**, the Weizmann research repository.

Specific Heat of a Quantum Critical Metal
[10.1103/PhysRevLett.127.017601](#)
 Physical review letters, 127, 1, 017601, 2021
 Grant # 817799 (New Horizons in Quantum Matter: From Critical Fluids to High Temperature Superconductivity), funded by European Research Council (Belgium, Brussels) - ERC

In order to be prepared for your next grant report, it is recommended that you deposit the **Accepted Manuscript** in **WIS Works** as soon as possible (Accepted Manuscript = the version after peer-review but before publisher pagination).



You can email the PDF to library@weizmann.ac.il or deposit the PDF yourself via your **WIS Works** profile (login > locate the article > click on the 3 dots at the right of the article record > select "Add files and links").

The Library
library@weizmann.ac.il

* How-to @ And Now for Something Completely Different: Narrative Views in Analytics. In: IGeLU 2021 Annual Conference, online, 26 Aug 2021. <https://igelu.org/2021-annual-conference/presentations/presentations-day-3-august-26-2021/>

Step 4: Compliance Monitoring

- Analytics scheduled report customized to compliance monitoring, sent when updated asset meets criteria

Subject	Grant Compliance - Sarel-Jacob Fleishman
Attached	 Grant Compliance - Sarel-Jacob Fleishman.pdf 18 KB
 מכון ויצמן למדע WEIZMANN INSTITUTE OF SCIENCE <hr/> LIBRARY	
Notice from Weizmann Library 01-Mar-2022	
To: <u>Sarel-Jacob Fleishman</u>	
<p>A publication related to one of your grants has just been added to WIS Works, the Weizmann research repository, and it is not open access. In order to be prepared for your next grant report, it is recommended that you deposit an Accepted Version in WIS Works as soon as possible. The attached PDF contains the grant and publication details.</p>	
Weizmann Institute Libraries	

Off-the-Shelf vs Local Solutions

- Off-the-Shelf Pros
 - Regular updates
 - Support organization
 - Knowledge base
 - Ongoing development
 - Community
 - Usually faster implementation
 - Usually more features
 - Usually easier integration (API)
 - Maybe local workflows need to change?
- Local Solution Pros
 - Built for specific user goals
 - Can tailor to local workflows
 - No need to change existing processes
 - May seem cheaper
 - May seem easier



First Weizmann Library
circa 1950

Thank You

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