

IST Research Explorer

Search and Find

Table of Contents

About this User Guide.....	3
About IST Research Explorer.....	3
IST Austria scientist commitment.....	3
1. Browse all publications.....	4
1.1 All Publications.....	4
1.2 IST affiliated publications.....	4
1.3 Filters.....	5
2. Search for a specific publication.....	6
3. Search for the publication output of a person.....	6
4. Search for publication output of a research group/SSU.....	7
5. Grants.....	9
6. Export search results.....	9

About this User Guide

This manual describes the basics of how to search and find publications and researcher's profiles in the institutional repository including the publication database at IST Austria.

If you'd like to learn more about how to add a new entry to IST Research Explorer (IST REx), please read the documentation "Create New Entries" or have a look at our special documentations for thesis or technical reports.

About IST Research Explorer

IST Research Explorer (research-explorer.app.ist.ac.at) is a repository for publications and research data as well as a bibliographic database listing all publications affiliated to IST Austria. It contains descriptions of articles, conference proceedings, book chapters, research data, conference poster, thesis etc. In addition to the whole scientific output of IST Austria, Research Explorer also contains the full publication record of all professors before they joined IST Austria.

You can add your different author identifications within the Research Explorer profile (e.g. ORCID, Scopus author ID,...). Moreover, Research Explorer shows the funded grants which you can link to your publication. It therefore shows not only the research achievement of the institute over the years but also the scientific output of every approved grant. Furthermore, the citation format of publications can be downloaded and easily reused for personal citation management.

In case there is only the bibliographic entry (and no full text available) you'll often find a link to a free version of the publication if one is available at a repository like [arXiv](https://arxiv.org/).

IST Austria scientist commitment

Authors at IST Austria are requested to enter their publications into the IST Research Explorer by themselves not later than **two weeks** after acceptance of the paper. This helps to keep Research Explorer up to date since scientists have the most reliable overview of their own publications.

There is no reason to worry about creating wrong or double entries. The library team keeps track of new items and corrects them on a weekly basis. Precise and flawless entries support external visibility and help generate complete publication lists for researchers and for reports on IST Austria.

1. Browse all publications

First you have to choose whether you want to search all publications (including these of professors and partially researchers before they joined IST Austria) or only IST affiliated publications.

1.1 All Publications

To browse all publications (including these from professors and partially researchers before they joined IST Austria) select “Publications” in the header:



1.2 IST affiliated publications

If you only want to see IST affiliated publications, choose the menu “Publications” on the landing page either by clicking on the icon or the text:

IST Austria Research Explorer

[Home](#)
[Publications](#)
[Authors](#)
[Grants](#)
[Research Groups](#)
[About ▾](#)

IST Austria Research Explorer is the new institutional repository at IST Austria which combines the former IST PubRep, IST PubList and IST DataRep within one repository.

[Read More...](#)

 2136 Publications

 41 Data Publications

 1431 Open Access Publications

 60 IST Theses

 260 Grants

1.3 Filters

- Limit the hit list by using different filters like publication type or publishing year. Click on the term by which you want to narrow your list. Multiple filters are possible.
- If you want to remove a chosen filter just remove it by clicking the “x”.

IST Austria Research Explorer

Home Publications **Authors** Grants Research Groups About ▾

13 Publications

- 2017 | *Research Data* | IST-REX-ID: 5562

Multi-electrode array recording from salamander retinal ganglion cells
 O. Marre, G. Tkacik, D. Amodè, E. Schneidman, W. Bialek, M. Berry, Multi-Electrode Array Recording from Salamander Retinal Ganglion Cells, 2017.
 View | [Files available](#) | DOI
- 2017 | *Research Data* | IST-REX-ID: 5567

Immunological synapse DC-Tcells
 A.F. Leithner, Immunological Synapse DC-Tcells, 2017.
 View | [Files available](#) | DOI
- 2017 | *Research Data* | IST-REX-ID: 5563

MATLAB analysis code for 'Sequence-Specific Thermodynamic Properties of Nucleic Acids Influence Both Transcriptional Pausing and Backtracking in Yeast'
 M. Lukacisin, MATLAB Analysis Code for "Sequence-Specific Thermodynamic Properties of Nucleic Acids Influence Both Transcriptional Pausing and Backtracking in Yeast," 2017.
 View | [Files available](#) | DOI
- 2017 | *Research Data* | IST-REX-ID: 5568

Source codes: Brittle fracture simulation with boundary elements for computer graphics
 D. Hahn, Source Codes: Brittle Fracture Simulation with Boundary Elements for Computer Graphics, 2017.
 View | [Files available](#) | DOI
- 2017 | *Research Data* | IST-REX-ID: 5570

Forward migration indexes
 R. Hauschild, Forward Migration Indexes, 2017.
 View | [Files available](#) | DOI

Filters and Search Terms

- ✕ year=2017
- ✕ type=research_data

Search

Search

Filter Publications

Display / Sort

-
-
-

Export / Embed

-
-
- Marked Publication(s)

2. Search for a specific publication

You can use the search bar below the tab-navigation and enter the title (or parts) of the publication or the author and press “Go!”.

Home Publications **Authors** Grants Research Groups About ▾

Search Publications in IST

You can refine your search result by using different filters (see also 1.3).

3. Search for the publication output of a person

- choose “Authors”

Home Publications **Authors** Grants Research Groups About ▾

Search Publications in IST

- Click the first letter of the requested surname.
- Select by clicking the name of the person (ordered by last name).

Publications at IST Austria

Home Publications **Authors** Grants Research Groups About ▾

A B C D E F G H I J **K** L M N O P Q R S T U V W X Y Z

Anna Kicheva ID: 0BC3642C-F250-11E8-90D7-A42002C3BC9A | Publications: 23
Kicheva Group

→ You receive the publication list of the selected person. In case of choosing a professor the whole publication output will be listed. If you select any other researcher all publications affiliated to IST Austria (and possibly some other publications) are shown.

4. Search for publication output of a research group/SSU

The start page of Research Explorer offers a panel of all research groups and also Scientific Service Units at IST Austria. They are shown in alphabetical order.

Publications at IST Austria

Home Publications Authors Grants **Research Groups** About ▾

- Institute of Science and Technology Austria (IST Austria) 1829
 - Research Groups 1809
 - Alistarh Group 4
 - Alpichshev Group 0
 - Barton Group 132
 - Benkova Group 39
 - Bernecky Group 0
 - Bickel Group 19
 - Bollback Group 18
 - Bollenbach Group 13
 - Browning Group 0

The number behind each group shows all entries which are affiliated with this research group. By clicking the name of a group you'll get an overview who is an actual member of the group, who is an alumni and which publications, research data and grants are linked to this group. You can also filter within this overview e.g. publication year or publication type.

Siekhaus Group



Julia Biebl



Stephanie Wachner



Daria Siekhaus



Attila György



Michaela Misova



Maria Akhmanova



Shamsi Emtenani



Marko Roblek



Katarina Valosková



Justine Renno

Alumni



Aparna Ratheesh



Jana Veselá



Vera Belyaeva

Publications Data Publications Grants

20 Publications

Scientific Service Units (SSUs) and their scientific output are listed as well. Additionally, you can track acknowledgements related to SSUs.

- **Wojtan Group 21**
- **Scientific Service Units (SSUs) 55**
- Bioimaging Facility 27
- Campus IT 2
- Electron Microscopy Facility 5
- Library 9
- Life Sciences Facility 3
- Machine Shop 0
- Nanofabrication Facility 7
- Pre-Clinical Facility 0
- Scientific Computing 7

Bioimaging Facility



Doreen Millus



Mohammad Goudarzi



Nasser Darwish-Miranda



Robert Hauschild



Judit Singer



Anna Hapek-Sikora



Ekaterina Papusheva



Christoph Sommer



Gabriel Krens

Publications Data Publications Grants Acknowledgements

10 Publications

2018 | Thesis | IST-REx-ID: 395

The branched chain amino acids in autism spectrum disorders

D.-C. Tarlungeanu, The Branched Chain Amino Acids in Autism Spectrum Disorders , IST Austria, 2018.

View | [Files available](#) | [DOI](#)

Search

5. Grants

All grants which are approved to IST Austria are deposited within IST Research Explorer. You can scroll through or select alphabetically.

IST Austria Research Explorer

Home Publications Authors Grants Research Groups About ▾

A B C **D** E F G H I J K L M N O P Q

Deciphering the proton-translocation mechanism of complex I

2017-06-01 – 2019-01-31

Decoding the complexity of turbulence at its origin (TURBOFLOW)

2013-06-01 – 2017-12-31

"Turbulence is the probably most complex and at the same time most relevant example of spatio-temporal transport of heat and mass in stars, the formation of planets, as well as..."

Deep Pictures: Creating Visual and Haptic Vector Images

2012-08-01 – 2016-07-31

Due to its analytic nature, vector graphics allow many convenient and more semantic image editing tasks compared to common pixel-based graphics. However, pixel graphics are still much more common today...

Design for Embedded Systems (ArtistDesign)

2009-09-01 – 2012-03-31

Open the grant of your interest to get a detailed description including the funding organisations, publications or research data linked to this grant.

Deep Pictures: Creating Visual and Haptic Vector Images

Project Period: 2012-08-01 – 2016-07-31

Externally Funded

Details

Publications

Principal Investigator Stefan Jeschke

Department(s) Wojtan Group

Description Due to its analytic nature, vector graphics allow many convenient and more semantic image editing tasks compared to common pixel-based graphics. However, pixel graphics are still much more common today, with few exceptions in representing text, technical CAD drawings or geographic maps. We attribute this fact to two major problems that are described in turn. We present numerous ideas for solving these problems, which we will investigate in our project. The first problem is that no efficient tools are available for creating vector graphics

6. Export search results

IST Research Explorer enables you to export your personal or any other publication list in many different formats.

- Refine your search result as needed (using filter publications).
- Mark all or choose the desired entries by clicking on the tick box.
- Sort the list as you wish (by clicking the arrows up or down to create the order you like).
- Choose your preferred citation style (display/sort).

- Choose your preferred export option (export).
- Embed your search result in different other systems (using JavaScript or iFrame).

Filters and Search Terms

- x type=journal_article
- x year=2018
- x oa=1

Search

Search

Filter Publications

> 110 Internal Publication(s)

▼ Indexed in

Display / Sort

▼ Hits per page: 20

▼ Sort

- Publishing Year** ↑ ↓
- Date published
- Title ↑ ↓
- First Author ↑ ↓
- Publication Type ↑ ↓
- Publ./ Series/ Journal ↑ ↓

▼ Citation Style

- IEEE
- AMA
- Chicago
- APA
- MLA
- IST Annual Report
- Default

Export / Embed

▼ Export as

▼ Embed

Marked Publication(s)

Please let us know if you need any support:
IST Austria Library Team
repository.manager@ist.ac.at