

ORCID: Benefits for researchers and institutions

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Connecting Research
and Researchers

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@ORCID_Org

WHY PERSISTENT IDs?

Challenges for the **individual**:

- Multiple profile systems
- Manual data entry
- Administrative burden
- No control of personal data
- Name ambiguity
- Recognition/credit



Challenges for the **organisations**:

- Name ambiguity
- Trust in metadata
- Reporting latency
- Silo systems
- Return on investment
- Discoverability

WHY IS THERE A PROBLEM?

Prior to ORCID, the research community lacked the ability to link researchers and scholars with their professional activities.

- *Name variations:*
 - *Matthew J Buys, MJ Buys, M Buys, Matthew John Buys, マット・ベイズ*
- *Institutional variations:*
 - *ORCID, ORCID Incorporated, ORCID Inc, ORCID EMEA*

Abstract

Send to:

[Autophagy](#). 2016 Jan 2;12(1):1-222.**Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition).**

[Klionsky DJ](#), [Abdelmohsen K](#), [Abe A](#), [Abedin MJ](#), [Abeliovich H](#), [Acevedo Arozena A](#), [Adachi H](#), [Adams CM](#), [Adams PD](#), [Adeli K](#), [Adhiketty PJ](#), [Adler SG](#), [Agam G](#), [Agarwal R](#), [Aghi MK](#), [Agnello M](#), [Agostinis P](#), [Aguilar PV](#), [Aguirre-Ghiso J](#), [Airoldi EM](#), [Ait-Si-Ali S](#), [Akematsu T](#), [Akpoyiaye ET](#), [Al-Rubeai M](#), [Albaiceta GM](#), [Albanese C](#), [Albani D](#), [Albert ML](#), [Aldudo J](#), [Algül H](#), [Alirezai M](#), [Alloza I](#), [Almasan A](#), [Almonte-Beceril M](#), [Alnemri ES](#), [Alonso C](#), [Altan-Bonnet N](#), [Altieri DC](#), [Alvarez S](#), [Alvarez-Erviti L](#), [Alves S](#), [Amadoro G](#), [Amano A](#), [Amantini C](#), [Ambrosio S](#), [Amelio I](#), [Amer AO](#), [Amessou M](#), [Amon A](#), [An Z](#), [Anania FA](#), [Andersen SU](#), [Andley UP](#), [Andreadi CK](#), [Andrieu-Abadie N](#), [Anel A](#), [Ann DK](#), [Anoopkumar-Dukie S](#), [Antonoli M](#), [Aoki H](#), [Apostolova N](#), [Aquila S](#), [Aquilano K](#), [Araki K](#), [Arama E](#), [Aranda A](#), [Araya J](#), [Arcaro A](#), [Arias E](#), [Arimoto H](#), [Ariosa AR](#), [Armstrong JL](#), [Amould T](#), [Arsov I](#), [Asanuma K](#), [Askanas V](#), [Asselin E](#), [Atarashi R](#), [Atherton SS](#), [Atkin JD](#), [Attardi LD](#), [Auberger P](#), [Auburger G](#), [Aurelian L](#), [Autelli R](#), [Avagliano L](#), [Avantaggiati ML](#), [Avrahami L](#), [Awale S](#), [Azad N](#), [Bachetti T](#), [Backer JM](#), [Bae DH](#), [Bae JS](#), [Bae ON](#), [Bae SH](#), [Baehrecke EH](#), [Baek SH](#), [Baghdiquian S](#), [Bagniewska-Zadworna A](#), [Bai H](#), [Bai J](#), [Bai XY](#), [Bailly Y](#), [Balaji KN](#), [Balduini W](#), [Ballabio A](#), [Balzan R](#), [Banerjee R](#), [Bánhegyi G](#), [Bao H](#), [Barbeau B](#), [Barrachina MD](#), [Barreiro E](#), [Bartel B](#), [Bartolomé A](#), [Bassham DC](#), [Bassi MT](#), [Bast RC Jr](#), [Basu A](#), [Batista MT](#), [Batoko H](#), [Battino M](#), [Bauckman K](#), [Baumgarner BL](#), [Bayer KU](#), [Beale R](#), [Beaulieu JF](#), [Beck GR Jr](#), [Becker C](#), [Beckham JD](#), [Bédard PA](#), [Bednarski PJ](#), [Begley TJ](#), [Behl C](#), [Behrends C](#), [Behrens GM](#), [Behms KE](#), [Bejarano E](#), [Belaid A](#), [Belleudi F](#), [Bénard G](#), [Berchem G](#), [Bergamaschi D](#), [Bergami M](#), [Berkhout B](#), [Berliocchi L](#), [Bernard A](#), [Bernard M](#), [Bernassola F](#), [Bertolotti A](#), [Bess AS](#), [Besteiro S](#), [Bettuzzi S](#), [Bhalla S](#), [Bhattacharyya S](#), [Bhutia SK](#), [Biagosch C](#), [Bianchi MW](#), [Biard-Piechaczyk M](#), [Billes V](#), [Bincoletto C](#), [Bingol B](#), [Bird SW](#), [Bitoun M](#), [Bjedov I](#), [Blackstone C](#), [Blanc L](#), [Blanco GA](#), [Blomhoff HK](#), [Boada-Romero E](#), [Böckler S](#), [Boes M](#), [Boesze-Battaglia K](#), [Boise LH](#), [Bolino A](#), [Boman A](#), [Bonaldo P](#), [Bordi M](#), [Bosch J](#), [Botana LM](#), [Botti J](#), [Bou G](#), [Bouché M](#), [Bouchecareilh M](#), [Boucher MJ](#), [Boulton ME](#), [Bouret SG](#), [Boya P](#), [Boyer-Guittaut M](#), [Bozhkov PV](#), [Brady N](#), [Braga VM](#), [Brancolini C](#), [Braus GH](#), [Bravo-San Pedro JM](#), [Brennan LA](#), [Bresnick EH](#), [Brest P](#),

[Ventura N](#), [Ventura S](#), [Veras PS](#), [Verdier M](#), [Vertessy BG](#), [Viale A](#), [Vidal M](#), [Vieira H](#), [Vierstra RD](#), [Vigneswaran N](#), [Vij N](#), [Vila M](#), [Villar M](#), [Villar VH](#), [Villarroya J](#), [Vindis C](#), [Viola G](#), [Viscomi MT](#), [Vitale G](#), [Vogl DT](#), [Voitsekhojskaja OV](#), [von Haefen C](#), [von Schwarzenberg K](#), [Voth DE](#), [Vouret-Craviari V](#), [Vuori K](#), [Vyas JM](#), [Waeber C](#), [Walker CL](#), [Walker MJ](#), [Walter J](#), [Wan L](#), [Wan X](#), [Wang B](#), [Wang C](#), [Wang CY](#), [Wang C](#), [Wang C](#), [Wang C](#), [Wang D](#), [Wang F](#), [Wang F](#), [Wang G](#), [Wang HJ](#), [Wang H](#), [Wang HG](#), [Wang H](#), [Wang HD](#), [Wang J](#), [Wang J](#), [Wang M](#), [Wang MQ](#), [Wang PY](#), [Wang P](#), [Wang RC](#), [Wang S](#), [Wang TF](#), [Wang X](#), [Wang XJ](#), [Wang XW](#), [Wang X](#), [Wang X](#), [Wang Y](#), [Wang Y](#), [Wang Y](#), [Wang YJ](#), [Wang Y](#), [Wang Y](#), [Wang Y](#), [Wang YT](#), [Wang Y](#), [Wang ZN](#), [Wappner P](#), [Ward C](#), [Ward DM](#), [Warnes G](#), [Watada H](#), [Watanabe Y](#), [Watase K](#), [Weaver TE](#), [Weekes CD](#), [Wei J](#), [Weide T](#), [Weihi CC](#), [Weindl G](#), [Weis SN](#), [Wen L](#), [Wen X](#), [Wen Y](#), [Westermann B](#), [Weyand CM](#), [White AR](#), [White E](#), [Whitton JL](#), [Whitworth AJ](#), [Wiels J](#), [Wild F](#), [Wildenberg ME](#), [Wileman T](#), [Wilkinson DS](#), [Wilkinson S](#), [Willbold D](#), [Williams C](#), [Williams K](#), [Williamson](#)



- Documenting impact through research performance frameworks
- Reducing researcher burden

... but these two goals seem at cross purposes?

WHAT IS ORCID?

- An identifier for researchers
- A registry
- A set of standard procedures (APIs) for connecting researchers to their affiliations and activities
- A committed community building connectors
- An international-scale open research effort



THE ORCID COMMUNITY

- 875 members from 43 countries
- 550+ system connectors: all research sectors
- Over 4.8 million researchers
- Consortia in:
 - Americas: Brazil, Canada & US
 - EMEA: UK, Norway, Finland, Denmark, Sweden, Netherlands, Belgium, Germany, Italy, Portugal
 - APAC: Australia, New Zealand, Taiwan



Researcher



Registers & manages ORCID record



Controls visibility

Gives permission to **COLLECT** iD and access the record



university



CONNECTS affiliation

funder



CONNECTS grant

publisher



CONNECTS publication

ORCID record

Researcher Name

ORCID ID

orcid.org/xxxx-xxxx-xxxx-xxxx

Basic information

- Other names
- Email addresses
- Biography

Account settings

Activities & affiliations

Employment:

XXX University
Source: **XXX University (ID139)**

Funding:

YYY Foundation, Grant #123
Source: **YYY Foundation (ID45)**

Works:

Journal ZZZ, vol. 45, 2016
Source: **ZZZ Publishing (ID675)**



PUBLISHER
Assert Authorship



EMPLOYER
Assert Affiliation



CONNECT
COLLECT

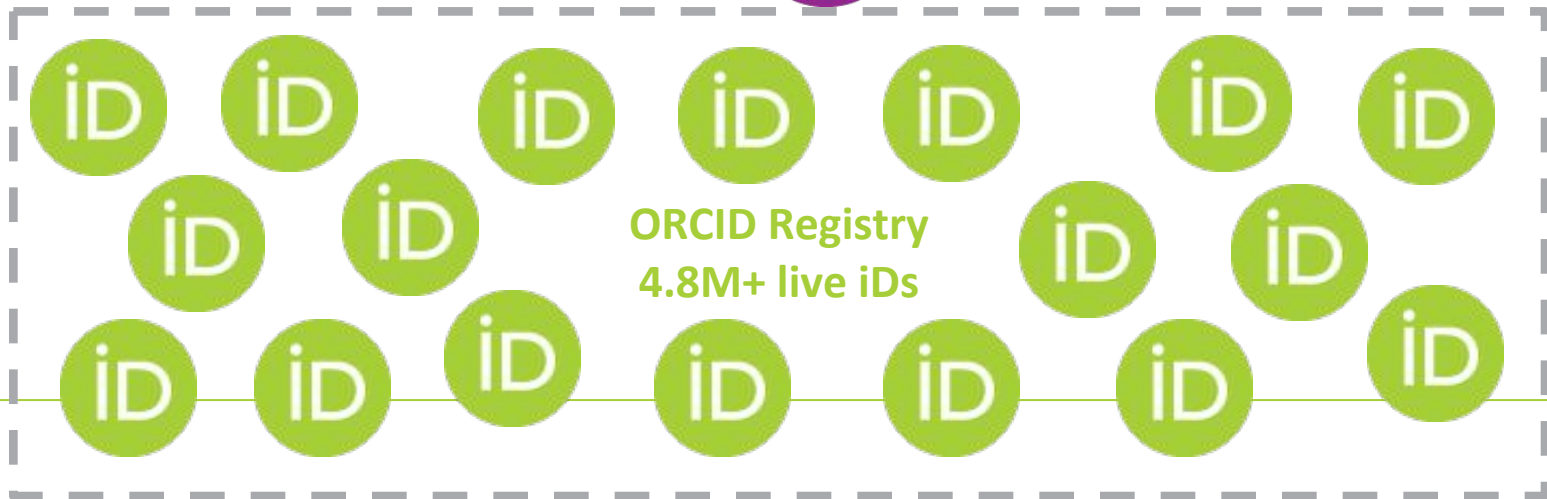
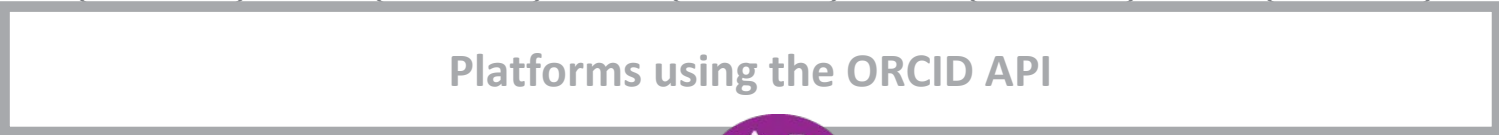
CONNECT
COLLECT

CONNECT
COLLECT

FUNDER
Assert Award



ORCID & PLATFORMS



PUBLISHER OPEN LETTER



Over 1,500 journals are now requiring ORCID iDs

<https://orcid.org/content/requiring-orcid-publication-workflows-open-letter>

ORCID and Research Institutions

Why should research institutions care about
ORCID?



KEY BENEFITS

for Research Institutions

- Reliable connections
- International scope
- Pre-populate forms
- Alumni updates
- Machines do the work
- Obtain consent to use data
- Researchers support ORCID

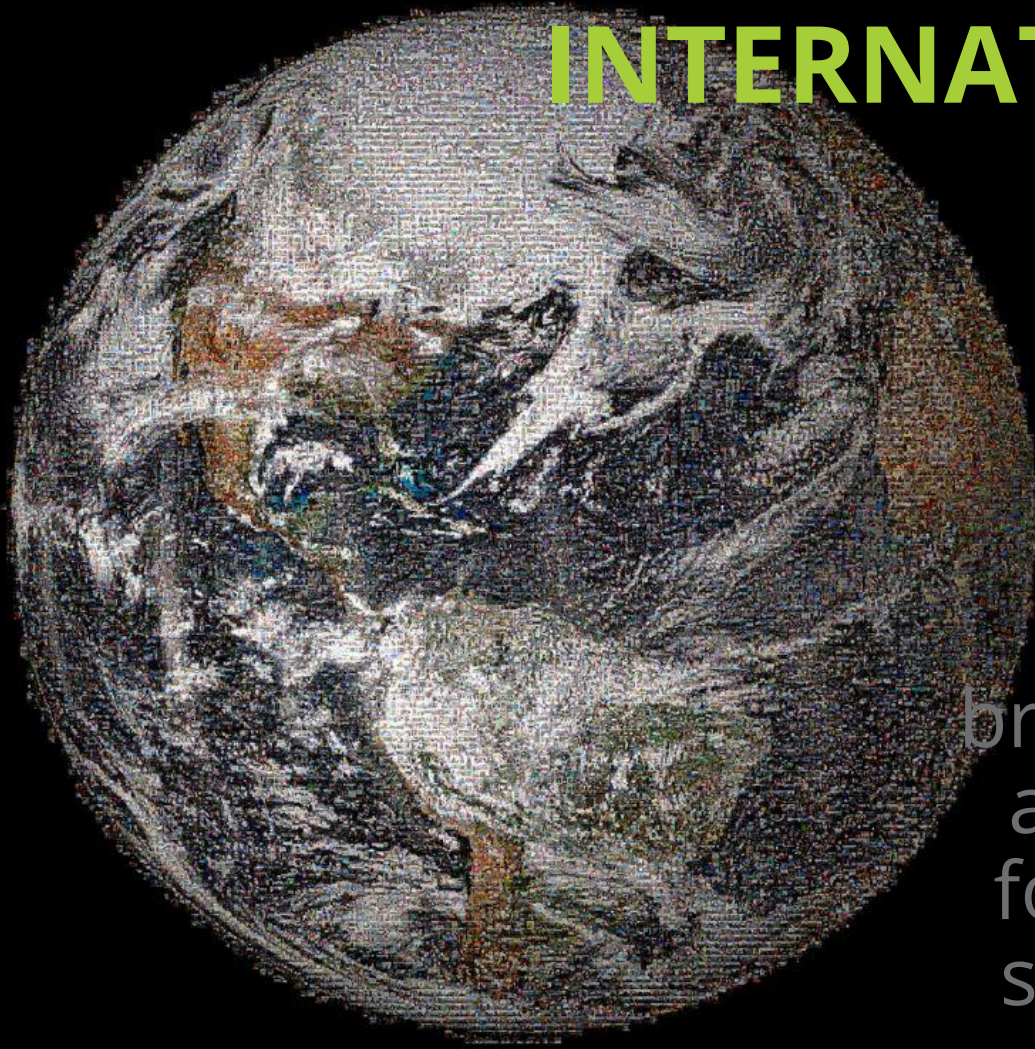


RELIABLE CONNECTIONS

- Control how your organization name is expressed in systems your researchers use
- Include unique organization identifier
- CONNECT authoritative affiliation information to researcher records



INTERNATIONAL SCOPE



Benefit from a broadly-used, reliable, and mobile identifier for your faculty, staff, students, and alumni



PHOTO: The Making of NASA's Global Selfie: 100+ Countries, Thousands of Photos by NAS Goddard Space Flight CC 2.0 <https://flic.kr/p/nqjkaJ>

PRE-POPULATE FORMS

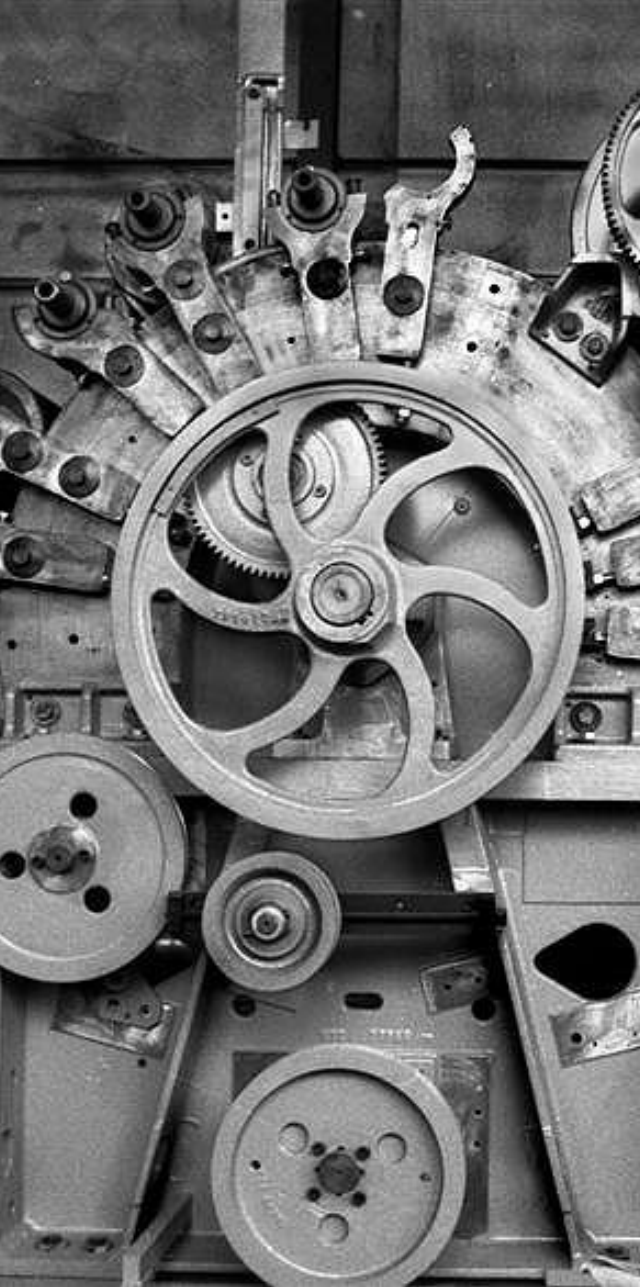
Receive real-time notifications about research activities, avoiding after-the-fact reporting and form-fatigue

ALUMNI UPDATES

Gain insights about former faculty, staff and students.

Automatically be alerted to new contributions – publications, grants and awards, affiliations and more!





MACHINES DO THE WORK

Do all of these activities efficiently and at low cost through machine-to-machine communications using ORCID's reliable platform



DATA WITH CONSENT

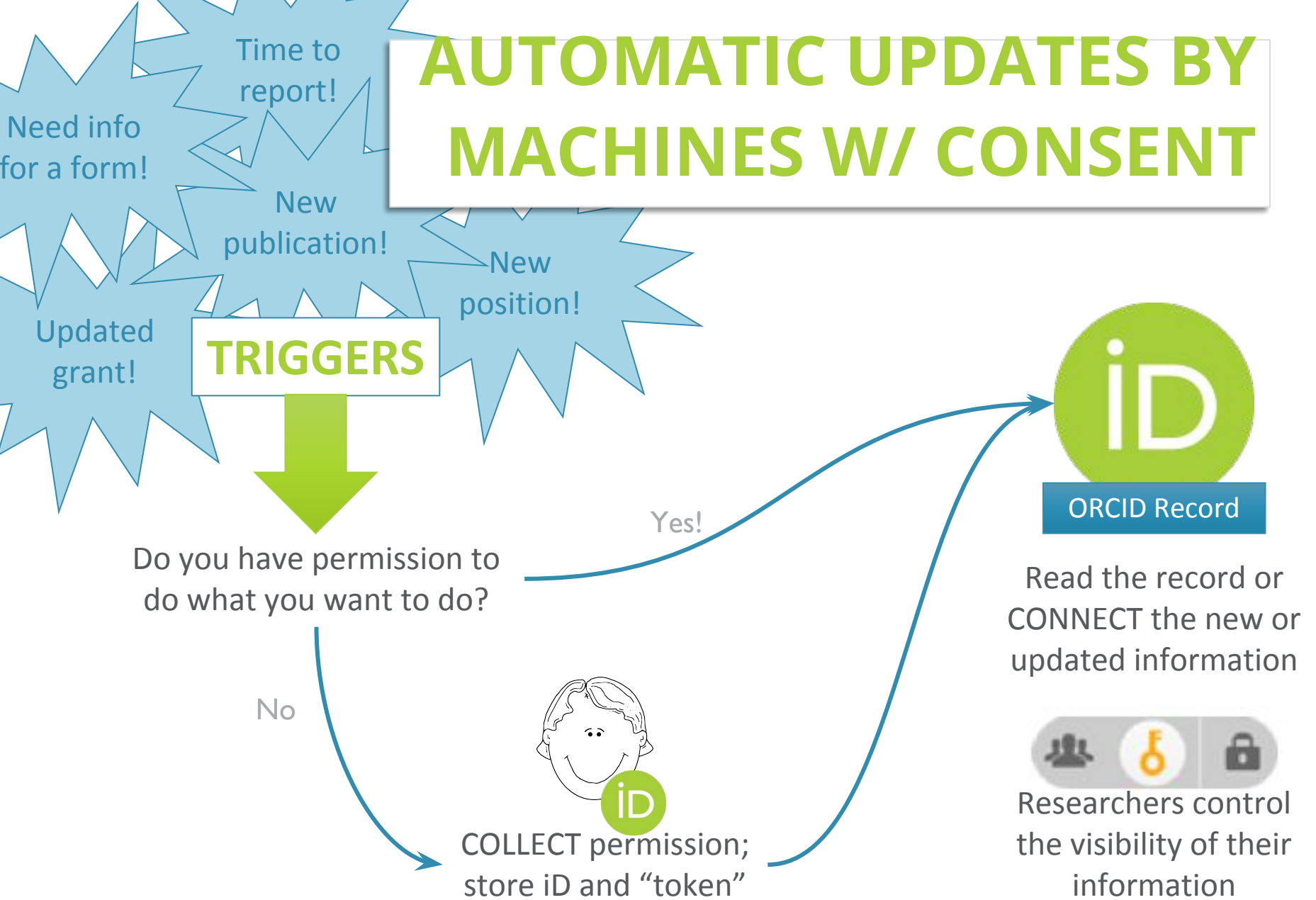
Current trends and regulations are putting individuals at the center of their data use.

Strengthen trust and confidence by sharing through ORCID's permission model

Privacy



AUTOMATIC UPDATES BY MACHINES W/ CONSENT



Connecting to ORCID



CRIS SYSTEMS

CONFIGURE YOUR VENDOR SYSTEM!

- Converis
- Elements
- Faculty 180
- IRMA
- Pivot
- Pure
- DSpace CRIS
- Vivo

REPOSITORY SYSTEMS

CONFIGURE YOUR VENDOR SYSTEM!

- DSpace
- ePrints
- Hydra/Fedora

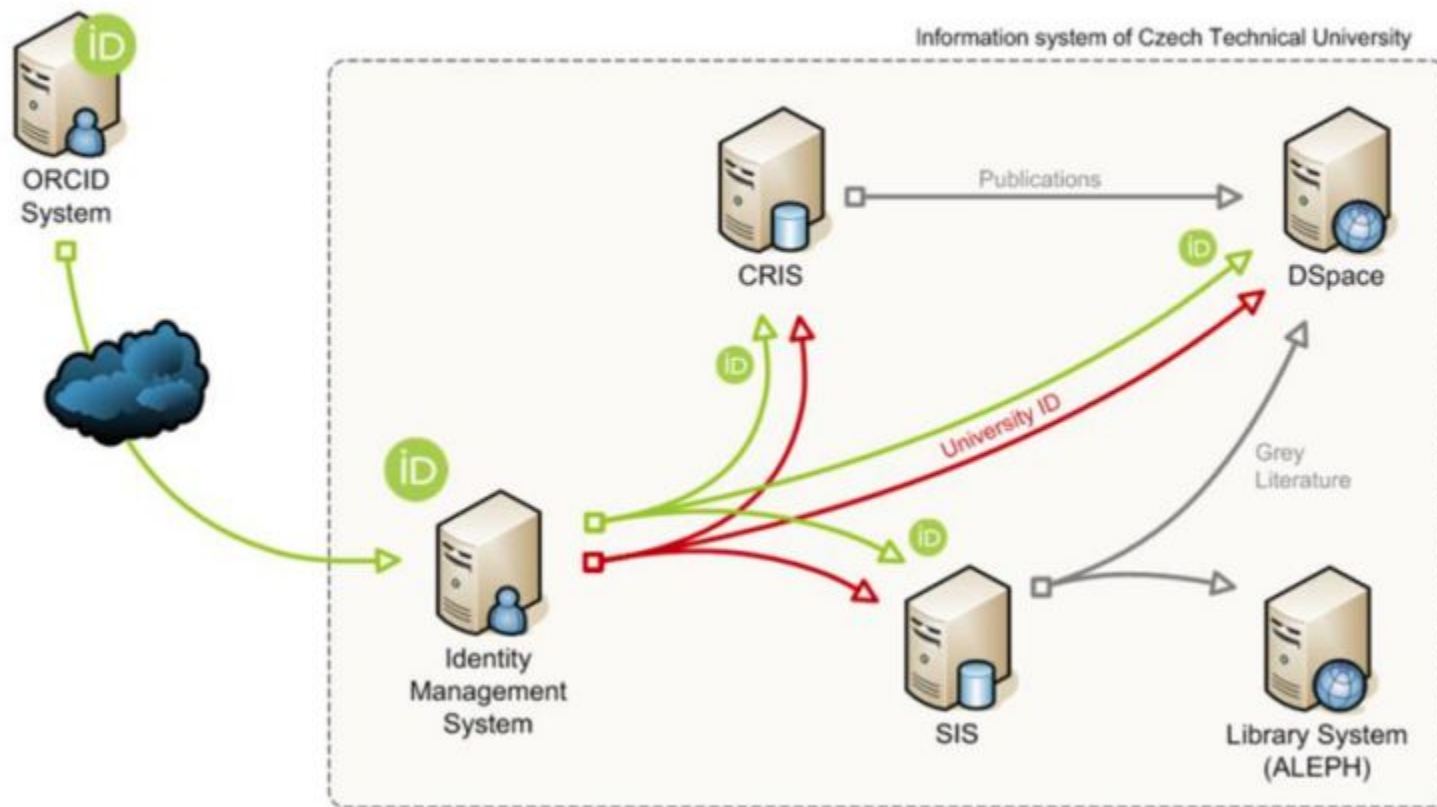
CUSTOM SYSTEM CONNECTORS

BUILD SOMETHING TO SUIT YOUR NEEDS

- Fully accessible API
- Embedded permission protocol to COLLECT permissions
- Ability to read and write to records to CONNECT information to records
- Automatic notifications when changes occur to SYNC systems (premium membership)



AN EXAMPLE



See <https://dspace.cvut.cz/handle/10467/67742>

ORCID and Individuals

Why should research institutions care about
ORCID?



RESEARCHERS SUPPORT ORCID

Per our 2017 community survey, respondents strongly agree that an ORCID iD is essential for researchers

85.9% of respondents believe requiring the use of ORCID iDs is beneficial to the global research community



BENEFITS FOR INDIVIDUALS

- Control over personal data and privacy
- Unique persistent identifier used across sectors, borders and disciplines
- Reduced administrative burden allowing systems to synchronise
- Improved discoverability

Value of a National Approach

THE VALUE OF A NATIONAL APPROACH

Taking a coordinated national approach to research information is crucial. The benefits include:

- Distributed access to the benefits of research
- Better understanding of the impact and challenges of research in context
- Efficiency and convenience gains for researchers and administrators
- More time doing research!

The Cyprus research community has the power to improve the **value and openness** of its research information.

Unique researcher identifiers have the potential to bring **streamline information sharing and bring transparency** to the creation and re-use of that information.

THANK YOU!



- Find out more at <http://orcid.org>
- Twitter @ORCID_Org / @mjbuys

Matt Buys

ORCID Director of Membership

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