

**CHALMERS**  
UNIVERSITY OF TECHNOLOGY

# ORCID@Chalmers

Urban Andersson

ORCID workshop, Stockholm

27 september 2017



# CHALMERS UNIVERSITY OF TECHNOLOGY

- 10,000 students
- 3,000 scholarly publications yearly
- 800 new research projects yearly
- Open Access mandate
- Repository/CRIS system
- 2,500 active researchers
  - 167 called “Johansson”



# MILESTONES

- **2012:** "Author Identifiers and Publication Databases"
- **2013:** ORCID membership. Pilot project, ID batch creation
- **2014:** Create and connect service – [orcid.chalmers.se](http://orcid.chalmers.se)
  - User initiated ID creation
  - Storing ID:s in Chalmers HR system (PDB)
- **2015:** Implementation of ORCID in repository & CRIS system
- **2016:** SUNET consortia membership. New Orcid API 2.0
- **2017:** ≈ 1,500 IDs collected (60% of active researchers)

# Create & connect service

CHALMERS ORCID

## Create and connect your ORCID to Chalmers

This is where you as a researcher at Chalmers create a new ORCID and connect it to Chalmers. If you already have an ORCID, just connect it to Chalmers.

[Create a new ORCID](#) [Connect existing ORCID](#)

**What is ORCID?**  
Open Researcher & Contributor ID (ORCID) is an international directory of unique IDs of researchers.  
[ORCID website >](#)

**Need help?**  
Problems signing in or questions about your ORCID connection to Chalmers? Contact us by email.  
[Get support >](#)

**ORCID at Chalmers**  
Chalmers now offers researchers help with creating an ORCID and connecting this with the local research infrastructure at Chalmers.  
[View details >](#)

orcid.chalmers.se

# Create & connect service (2)

Sign In

idp.chalmers.se

Type your user name and password.

User name (CID):

Password:

- SAML2 single sign-on
- ORCID API 2.0
- Client ID
- Scope (/read-limited)
- Redirect URL

CHALMERS ORCID

## Connect your ORCID

Hello Urban Andersson (aurban).

[Please click here and follow the instructions](#)

Not you? Please restart your browser and try again.

CHALMERS ORCID

## Create a new ORCID

Verify that the information below is correct. You might add an additional e-mail address and/or webpage URL if you wish.

**Name:** Staffan Knutson

**CID:** staknu

**Email:** staffan.knutson@chalmers.se

**Alt. e-mail:**

**Web Page:**

**ORCID at Chalmers**

Chalmers offers researchers help with creating an ORCID and connecting this with the local research infrastructure at Chalmers.

[Read more »](#)

# Create & connect service (3)

**Register for an ORCID iD**

ORCID provides a persistent digital identifier that distinguishes you from everyone else through integration in key research workflows such as manuscript and grant automated linkages between you and your professional activities ensuring that you are properly credited for your work. As per ORCID's [terms and conditions](#), you may only register for an ORCID iD if you are a current or former member of an ORCID member organization.

First name

Last name

Email

Re-enter email

**The email and confirmed email must match.**

Create an ORCID password

Confirm ORCID password

Create new ORCID iD

or

**ORCID**

Sign into ORCID or [Register now](#)

Personal account  Institutional account

Sign in with your ORCID account

Email or ID

ORCID password

[Forgotten your password?](#)

Sign in with a social media account

Sign in to connect  
existing ORCID

and

**ORCID** **Urban Andersson**  
<http://orcid.org/0000-0002-4009-9274>  
[\(Not You?\)](#)

**Chalmers University of Technology** has asked for the following access to your ORCID Record

Read your limited-access information

Allow this permission until I revoke it.  
*You may revoke permissions on your account settings page. Unchecking this box will grant permission this time only.*

This application will not be able to see your ORCID password, or other private info in your ORCID Record. [Privacy Policy.](#)

[Deny](#)

Grant access to Chalmers

# Create & connect service (4)



User is returned to local create & connect service

Chalmers added as a Trusted Organization in the ORCID profile

ORCID added to the local HR and publication (CRIS) systems

# USE CASES

- ORCID in repository & CRIS system – identifying Chalmers researchers when importing and sharing publications and other research related data
- Embedding ORCID data in local pages (i.e. researcher profiles)
- Collecting Chalmers ORCIDs from other sources
- Bibliometrics, author disambiguation
- PlumX altmetrics, locating Chalmers research output



# Use case: research.chalmers.se (CRIS)

The image displays three overlapping screenshots from the Scopus database interface:

- Left Screenshot (Document details):** Shows a document titled "Exploring the potential of *Saccharomyces cerevisiae* for biopharmaceutical production" by Wang, G., Huang, M., and Nielsen, J. The author name "Nielsen, J." is highlighted with a red box.
- Middle Screenshot (Author details):** Shows the profile for "Nielsen, Jens Brehm Bagger" at Chalmers University of Technology. His ORCID ID, "0000-0002-9955-6003", is highlighted with a red box.
- Right Screenshot (JSON Response):** Shows a JSON object representing an ORCID ID. The "Value" field is highlighted with a red box and contains the string "0000-0002-9955-6003".

- Scopus API import
- Scopus Author API
- Chalmers Research API

# research.chalmers.se

**Jens B Nielsen**  
Avdelningschef at Chalmers, Biology and Biological Engineering, Systems and Synthetic Biology

Jens Nielsen has an MSc degree in Chemical Engineering and a PhD degree (1989) in Biochemical Engineering from the Danish Technical University (DTU), and after that established his independent research group and was appointed full Professor there in 1998. He was Fulbright visiting professor at MIT in 1995-1996. At DTU he founded and directed Center for Microbial Biotechnology. In 2008 he was recruited as Professor and Director to Chalmers University of Technology, Sweden, where he is currently directing a research group of about 60 people. Jens Nielsen has published so far more than 570 papers that have been cited more than 21,000 times according to Web of Science (current H-factor 71) 40,000 times according to Google Scholar (current H-factor 97), and co-authored more than 40 books. He is inventor of more than 50 patent and has founded several biotech companies. He has received numerous Danish and International awards and is member of the Academy of Technical Sciences in Denmark, National Academy of Engineering in USA, the Royal Danish Academy of Science and Letters, the American Institute for Medical and Biological Engineering, the American Academy of Microbiology, the Royal Swedish Academy of Engineering Sciences, the Royal Swedish Academy of Sciences, and the Royal Society of Arts and Sciences in Gothenburg. He is a founding president of the International Metabolic Engineering Society.

Source: orcid.org

Contact Details ORCID

Projects (24) Publications (303)

Public profile (bio)

**Jens B Nielsen**

Projects Publications Impact

**Your impact**  
View your research's impact in both scientific press and on social networks.

**78**  
Current h-index (Scopus)

**25,951**  
Citations

**665**  
Works

**15,372**  
Citing works

**Most cited in scientific press**

Proteomics. Tissue-based map of the human proteome. (784)  
(ARTICLE) Science (New York, N.Y.) (2015)

Genome-scale reconstruction of the *Saccharomyces cerevisiae* metabolic network. (669)  
(ARTICLE) Genome research (2003)

Fuel ethanol production from lignocellulose: a challenge for metabolic engineering and process integration. (607)  
(REVIEW) Applied microbiology and biotechnology (2001)

Gut metagenome in European women with normal, impaired and diabetic glucose control. (535)  
(ARTICLE) Nature (2013)

**Most shared on social networks**

Voluntary Running Suppresses Tumor Growth through Epinephrine- and IL-6-Dependent NK Cell Mobilization and Redistribution.  
(ARTICLE) Cell metabolism (2016)

Proteomics. Tissue-based map of the human proteome.  
(ARTICLE) Science (New York, N.Y.) (2015)

RNA-seq analysis of *Pichia anomala* reveals important mechanisms required for survival at low pH.  
(ARTICLE) Microbial cell factories (2015)

Symptomatic atherosclerosis is associated with an altered gut metagenome.  
(ARTICLE) Nature communications (2012)

**Social media activity**

| Platform          | Count |
|-------------------|-------|
| Facebook Comments | 180   |
| Wikipedia Links   | 130   |
| Tweets            | 2575  |
| Google+           | 82    |

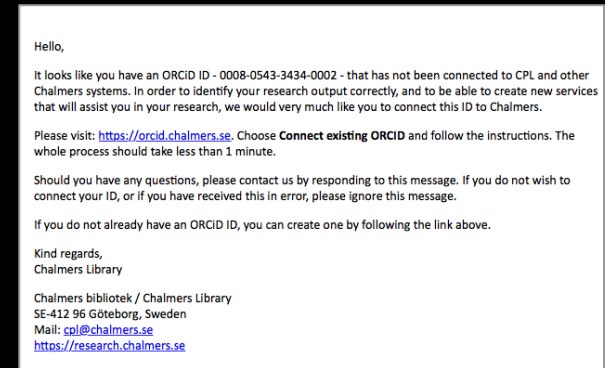
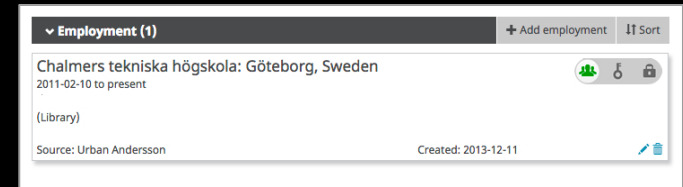
87.4%

View personal profile and detailed metrics from PlumX

Personal profile (impact)

# Use case: Locating and collecting ORCID IDs from other sources

- Searching the ORCID API for affiliation data (Ringgold id:s)
- Searching other sources for Chalmers affiliated persons with ORCIDs
- Crossreferencing the local HR system
- Reminder e-mails to collect the ID:s



# THE FUTURE

- Using ORCID to locate and ingest research output and data from other sources (i.e. DOI, ArXiv, SwePub...)
- Implementing ORCID as an attribute in SAML2 (SWAMID), to enable seamless integration of research information systems
- Provide tools for connecting research output to individual ORCID profiles
- Continue supporting the use of ORCID, both at the university and (inter)nationally

# Support

- [orcid.chalmers.se](https://orcid.chalmers.se)
- [orcid.lib@chalmers.se](mailto:orcid.lib@chalmers.se)
- Research/CRIS Support
- Chalmers intranet ("Insidan")
- Co-ordinated by the library, but not a "library issue"

CHALMERS ORCID

## Contact Chalmers ORCID support

Please enter your question below.

**Name:** Urban Andersson

**Email:** [urban.andersson@chalmers.se](mailto:urban.andersson@chalmers.se)

**Comments / question:**

[Contact us](#)

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[Read more »](#)

# More information

- **Project report (2013)**

<http://publications.lib.chalmers.se/publication/174119-forfattaridentifikatorer-och-publiceringsdatabaser-scenarier-och-utvecklingsmojligheter>

- **Create ORCID records on demand**

<https://members.orcid.org/api/integrate/create-records>

- **Chalmers Create & Connect service (source code)**

<https://bitbucket.org/aurban65/chalmersorcidwebapp>



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