



ScientiFika

est. 2021

Insights from our experiences
for collaborations and activities within the Oskar Klein Centre

Guilherme Franzmann, Judit Prat, Ludwig Neste, Milena Crnogorčević, Nadia Flodgren, Nikki Arendse, Pavel Štěch



Desired paths...

The Ohio State University, 1905



Bottom up v. Top down

The Ohio State University, 2000s



Motivation & Philosophy

Community

Create and foster a supportive community among junior researchers

Interdisciplinary collaboration

Encourage broad and interdisciplinary research discussions and learn from other fields



Accessibility and fun

Ensure accessible (not too technical) talks to keep them interesting, inspiring, and fun

Mentorship and Collaboration

Provide a needed platform to facilitate connections and enable participants to find collaborators and mentors



Audience

(Focus): Junior audience only **bachelor/master/PhD students & postdocs**

- Junior-only spaces reduce social anxiety, making junior researchers more likely to ask questions [Archbell & Coplan, 2021]
- Fosters peer learning and mentorship, shown to be an effective learning tool [Topping, 2007]
- Promotes leadership and organizational skills development by giving juniors responsibilities [Ambrose et al. 2010]
- Peer-only environments can reduce the feeling of isolation and imposter phenomenon [Gardner et al. 2019]

(Sometimes): Open to all

- Promotes knowledge exchange across different experience levels
- Encourages cross-career networking and mentorship
- Fosters a sense of community and inclusivity



Range of talks: 72 talks in last 2 years...

Everything's Relative: Spacetime and Gravity between Newton and Einstein

^ Abstract

2023-03-03 • Gerb

Astronomy and colonial conflicts

^ Abstract

2022-11-18 • Jonas Enander

An anecdotal account of applying AI (and how not to become my mother)

^ Abstract

2023-04-28 • Benjamin Bose

Expert disagreement in advising and research

^ Abstract

2023-05-05 •

Beyond Academia: Data science & machine learning in industry

v Abstract

2024-01-26 • Rahman Amandius

Halloween event: Is everything we know wrong?

^ Abstract

2023-10-27 • Alex Brown & Jacob Osman Hioriana

Exploring the latest developments in Alzheimer's research

2023-12-01 • Simona Serra

Oceanography of the past

^ Abstract

2024-02-02

Peace, Law, and Space in the Medieval North

2024-09-13 • [Fraser Miller](#)

Does the Higgs boson have an extended family? How can we find it?

^ Abstract

2024-05-24 • Laur

Keep your friends close and your robots closer: the psychology of human-robot interaction

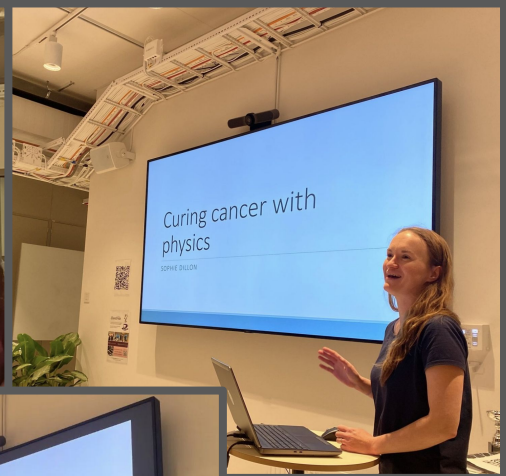
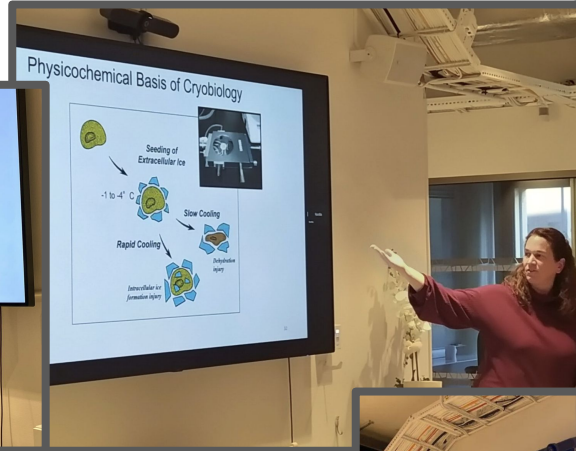
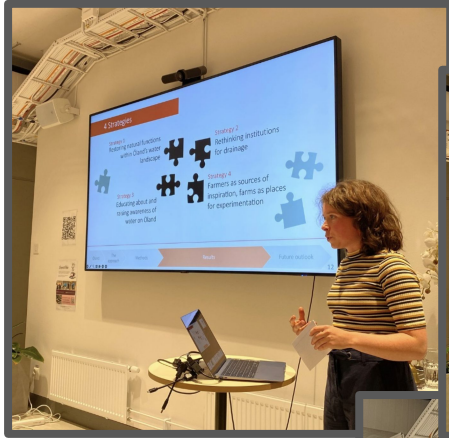
^ Abstract

2024-04-05 • Rebecca Stower



Range of talks

ScientiFika



Special Events: Ask-Each-Other-Anything

Type your question

Popular Recent

14 questions

Anonymous
4 weeks ago

5

What should a Bachelor/Master student focus on if one wants to aim to apply for a PhD?

Anonymous
4 weeks ago

5

Should I do a PhD?

Anonymous
4 weeks ago

5

How can a BSc student maintain motivation? Feeling inadequate, forgetting stuff spent much time on to understand or not even understand, especially in textbooks

Anonymous
4 weeks ago

5

How would you compare working conditions in Sweden to other countries?

Anonymous
3 weeks ago

4

Academia or industry? Can you go from one to the other?



Q&A word cloud



And There is More!

- Ask-a-professor Anything
- Halloween events
- Beyond academia (talks by Kunal, Rahman, Rob, Sophie)
- Science & Art
- Fysikshow
- SoapboxScience



Promotion

- Mailing list
- Slack
- Website: www.scientifika.se
- Instagram: [scientifika.se](https://www.instagram.com/scientifika.se)
- Promotion at bachelor/master student events

← → 🔍 scientifika.se ☆



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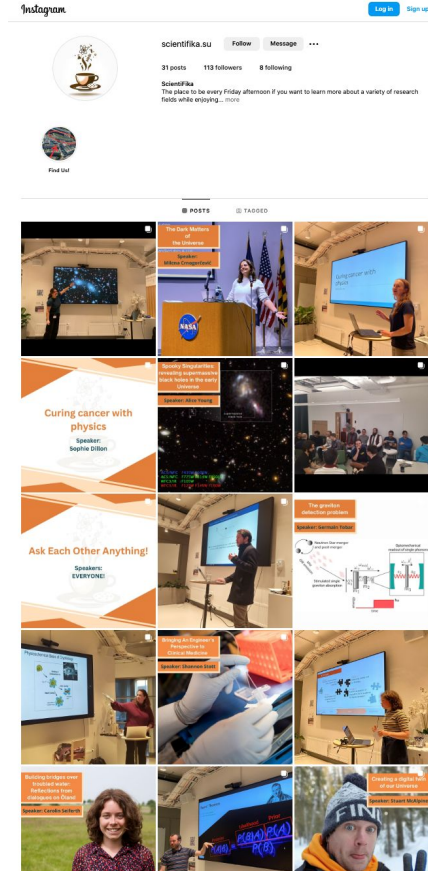


ScientiFika is the place to be every Friday afternoon if you want to learn more about a variety of research fields while enjoying delicious Fika! We bring together researchers across different universities in Stockholm to share their passion for science and related topics, while nourishing a deep sense of community among junior researchers.

Join the Mailing List

Give a Talk!

Attendance Form



Promotion



Stockholm University

EDUCATION RESEARCH ABOUT THE UNIVERSITY

Rewarding talks, Swedish fika and peer support at ScientiFika

Stockholm University < News

- Mailing list
- Slack
- Website: www.scientifika.se
- Instagram: [scientifika](https://www.instagram.com/scientifika)
- Promotion at bachelor

On Friday afternoons, students from undergraduate and postgraduate programs gather at Nordita for Swedish fika and open lectures. The concept is called ScientiFika and the event is not only about broadening one's knowledge, but also about meeting across different subject areas to exchange ideas and experiences.



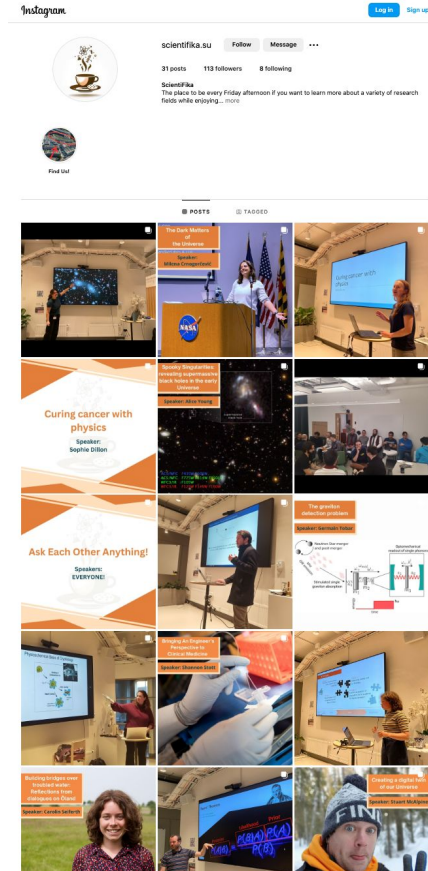
← → 🔍 scientifika.se



Home Talks Test



ScientiFika is a place where you can want to learn more about delicious Fika! We bring together students from various universities in Stockholm to discuss science-related topics, while enjoying a coffee and a sweet treat. It's a great opportunity for junior researchers to meet and exchange ideas.



Perception and Feedback

"As an audience member, I have found the talks I've seen so far to be much more rewarding than a typical research seminar."

"Nice way to wind down on Friday. Keeping it to juniors helps make it more relaxed than if professors were there."

"It is great to see the different directions a graduation in physics can take you. Like science communication."

"As a master student, Scientific Fika is one of the few seminars which are easy to attend and that I know of thanks to their emails. I also come in contact with other students and juniors in a more easy/fun setting than other seminars."

What do we do that is different from other activities at the University?

- Go beyond the 'standard' talks, actively search for speakers from unique research areas (in all places! Parties and climbing halls are very effective)
- Help speakers to make their **talks fun and accessible**, and to fit within the ScientiFika spirit
- **Address relevant issues and interests:** questions about academia, what to do after your studies, what does it look like to work in industry, etc.
- **Create a safe and interactive environment** (encourage questions throughout, especially from students, fika afterwards to encourage mingling, events without supervisors/bosses present)



Future Plans and Ideas

- Christmas event at Proviant (December 13th!)
- Coaching platform for talks: practice with speakers beforehand and provide feedback forms
- Special event idea: **Physics question meetup**, where students can discuss physics questions they may be too embarrassed to ask about in class
- Consider reaching a broader audience of natural sciences
- New survey amongst participants and suggestion box on the website
- **ScientiFika to the city (ScientiBeer?)**: organise scientific outreach events in Stockholm

Speaker
Feedback
Form



Feedback Form: ScienciFika Talks

Feedback will be shared anonymously with the speaker. Please leave comments under each relevant topic. Please be kind and considerate in your feedback. Remember we are all learning and here to support each other!



Suggestion
Box



ScienciFika Suggestion Box

The ScienciFika team values feedback and suggestions to improve our events, including ideas for potential speakers and topics, or anything else you'd like to share. This form is open year-round, and we encourage you to submit thoughts anytime!

Please note that 1) All responses are viewable by individuals listed on the [ScienciFika website](#), and 2) Responses will remain anonymous unless you choose to provide your name or other identifying information.

So far, ScientiFika has...

- successfully created a **supportive community** among junior researchers
- provided a platform for **interdisciplinary discussions** to foster broad research collaborations
- **engaged participants** from various fields through accessible and interactive talks

ScientiFika has become a trusted platform for mentorship, collaboration, and informal networking

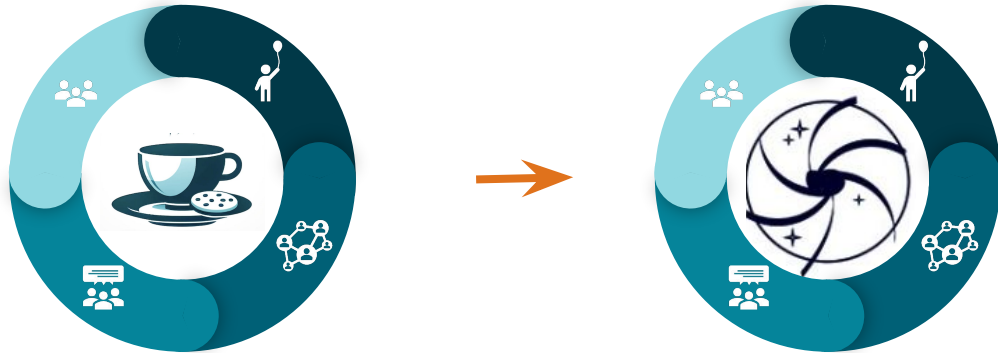


But...

we have limitations: funding and time

→ not all needs of junior researchers are met through ScientiFika

→ OKC to the rescue!



OKC ideas



OKC ideas





OKC Ideas



OKC Ideas

Community

Hiring practices in OKC

→ transparent discussion of hiring practices, involvement of junior researchers in hiring processes (either directly or through feedback surveys)

Regular EDI Workshops and Forums

→ provide spaces and professional support to put our research in wider societal context, either historically or within current events.

Feedback forms

→ provide safe (with an option of anonymized) feedback forms where people can provide thoughts about the current state of OKC (e.g. sent once per semester)



Accessibility and fun

Mentorship and Collaboration



OKC Ideas



OKC Ideas



→ Invite researchers (or industry workers) from different fields and different universities for talks and social events (e.g. speaker's dinners) after the talk. Give students one-on-one time with speakers.



OKC Ideas



OKC Ideas

Community



Accessibility and fun

→ Ensure accessible (not too technical) talks to keep them interesting, inspiring, and fun.

→ Organize smaller informal activities to encourage in-person presence at the office (e.g. shared breakfasts, lunches, coffee/tea breaks)

Mentorship and Collaboration

Interdisciplinary collaboration



OKC Ideas



OKC Ideas

Community



Interdisciplinary collaboration

→ **Peer mentoring:** Junior researchers paired with experienced members to foster cross-disciplinary and cross-career-stage support (currently only available for PhD students).

→ **Buddy programs:** Assigning “buddies” to new members to ease integration, promote OKC resources, and encourage early involvement in OKC activities (and beyond)

Mentorship and Collaboration



Call for new team members!

Feeling excited about ScientiFika and would you like to join our team?

We're looking for new members from January 2025! 🎉

Reach out to Guilherme Franzmann, Judit Prat, Ludwig Neste, Milena Crnogorčević, Nadia Flodgren, Nikki Arendse, or Pavel Štěch if you're interested or would like more information.



Thank you for listening!

