

Celebrating 15 years!



Oskar Klein
centre

Ariel Goobar, Oct 17, 2023



Welcome back to AlbaNova

Organizing committee



Michael Korsmeier



Jens Jasche



Tim Linden

+ Ariel Goobar

Come and talk to us

Oskar Klein (1894-1977)

- *Kaluza-Klein theory*
- *Klein-Gordon equation*
- *Jordan-Klein quantization*
- *Klein-Nishina formula*
- *Klein paradox*
- *Klein's lemma*
- ...



OKC has lived up to the great challenge that comes with the name!

- *The centre provides a great scientific environment for early career researchers, quite unique in terms of range of expertise and opportunities for interactions*
- *Exciting synergies across disciplines and institutions, providing opportunities for scientific breakthroughs*
- *As a result: members have been extremely successful in securing external grants from the Swedish Research Council, Wallenberg Foundation, Swedish Space Board, ERC, ...*

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- *As a result: members have been extremely successful in securing external grants from the Swedish Research Council, Wallenberg Foundation, Swedish Space Board, ERC, ...*
- *Future looks bright: new centre funding (EDUCATE) for next 5 years from Swedish Research Council, 30 MSEK starting in 2024*

EDUCATE:

Excellence Dark Universe Centre And Technology Enabler

New Goals:

- Establish new lines of research in instrumentation and detector technologies, and develop advanced machine learning analysis tools, needed to tackle the dark universe problem
- New Master's program to train a new generation of scientists with expertise in the next-generation instrumentation and data analysis techniques, driven by the challenges of the dark universe puzzle

Action items include:

- Re-connect with OKC alumni both in academia, but also those now in high-tech industries to identify synergies in technical areas that will make us more competitive (**Don't miss Thursday's event!**)
- Closer ties with institutions with overlapping science interests, especially in Scandinavia: **thanks to outside guests for coming!**

Talk by *Jens Jasche* on Thursday

Conference Homepage and Timetable

OKC@15: Celebrating 15 Years of the Oskar Klein Centre

Overview
Location
Timetable
Contribution List
Book of Abstracts
Registration
Participant List
Social dinner
Alumni Event
Lab tours
Career development
Internet and Wifi access
Explore Stockholm
Code of Conduct

Timetable

Tue 17/10 Wed 18/10 Thu 19/10 All days

Print PDF Full screen Detailed view Filter

09:00	Invited Plenary Talks: Session 1	Pierluca Carenza
	Oskar Klein auditorium -FR4, AlbaNova Main Building	09:00 - 10:30
10:00	Morning Fika	
	Oskar Klein auditorium -FR4, AlbaNova Main Building	10:30 - 11:00
11:00	Invited Plenary Talks: Session 2	Joel Pearson Johansson
	Oskar Klein auditorium -FR4, AlbaNova Main Building	11:00 - 11:30
	Contributed Talks: Session 2	Joel Pearson Johansson
12:00	Oskar Klein auditorium -FR4, AlbaNova Main Building	11:30 - 12:10

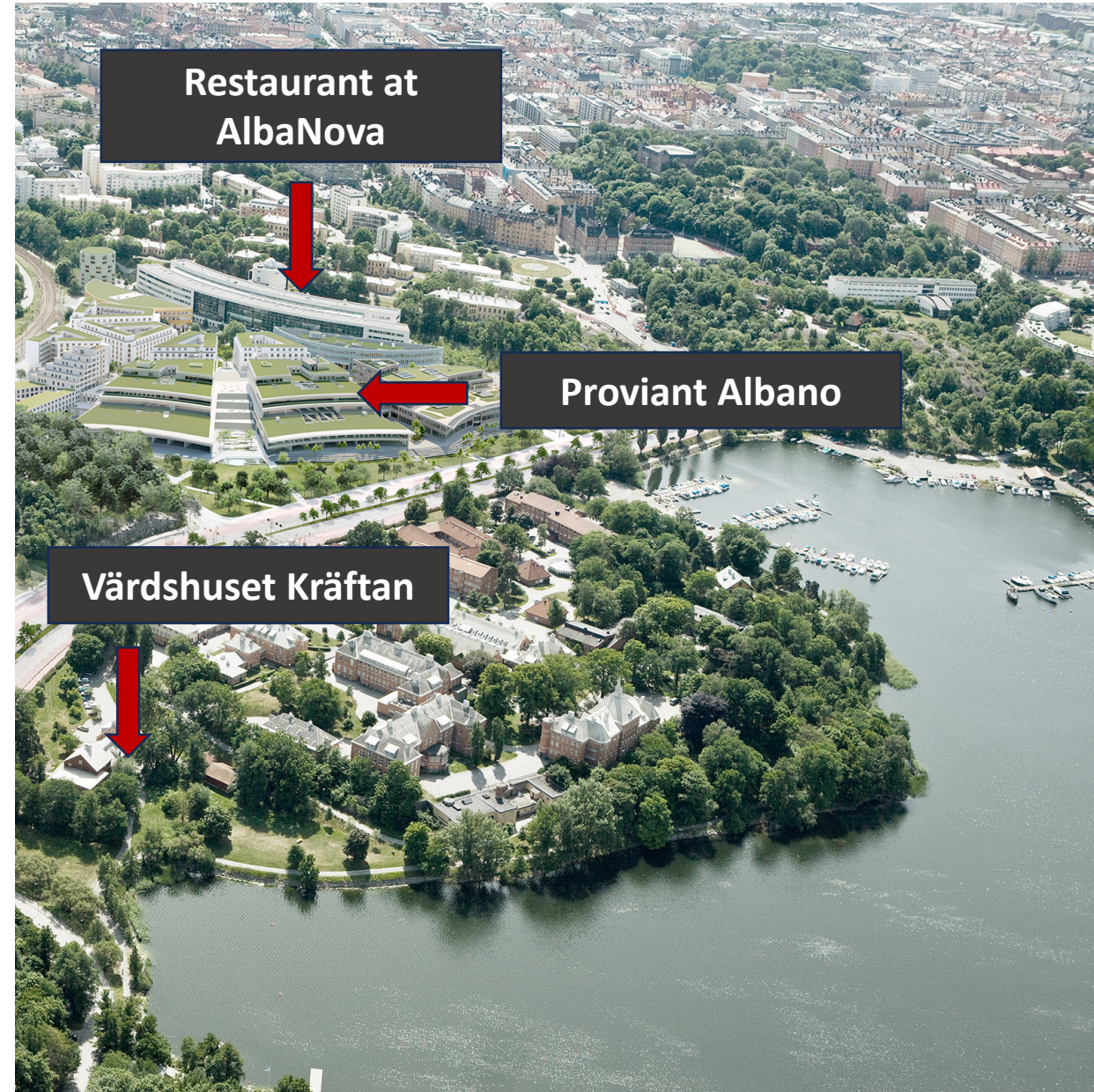
- Contributed talks: 15 min, followed by 5 min Q&A
- Invited talks: 25 min, followed by 5 min Q&A
- Please use PDF slides if possible
- Upload your talk to indico at least 30 min before the session

Fika and Lunch

Two fika breaks in front of the auditorium every day – one at 10:30 AM and one at 3 PM

Lunch options:

- AlbaNova Canteen
- Proviant Albano
- Vårdshuset Kräftan
- Microwaves at the A5 corridor



Social Dinner – Tuesday

At Junibacken

6 PM story train ride

7 PM dinner



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Last minute cancellations: if you haven't registered for the dinner, but changed your mind talk to Michael!

☰ Junibacken

Junibacken / The Story Train



Exhibitions

1-99 years

The Story Train

Lunch Swimming – Thursday

At Brunnsviken

10 min walk from AlbaNova

After the morning session

Find Nikki!



Thursday morning

Lab tours: Visit one of our exciting labs of:

- XENON: Dark matter
- Balloon- and satellite-borne experiments
- Cosmology and axions

Sign up on the conference website!



**Jörn
Mahlstedt**



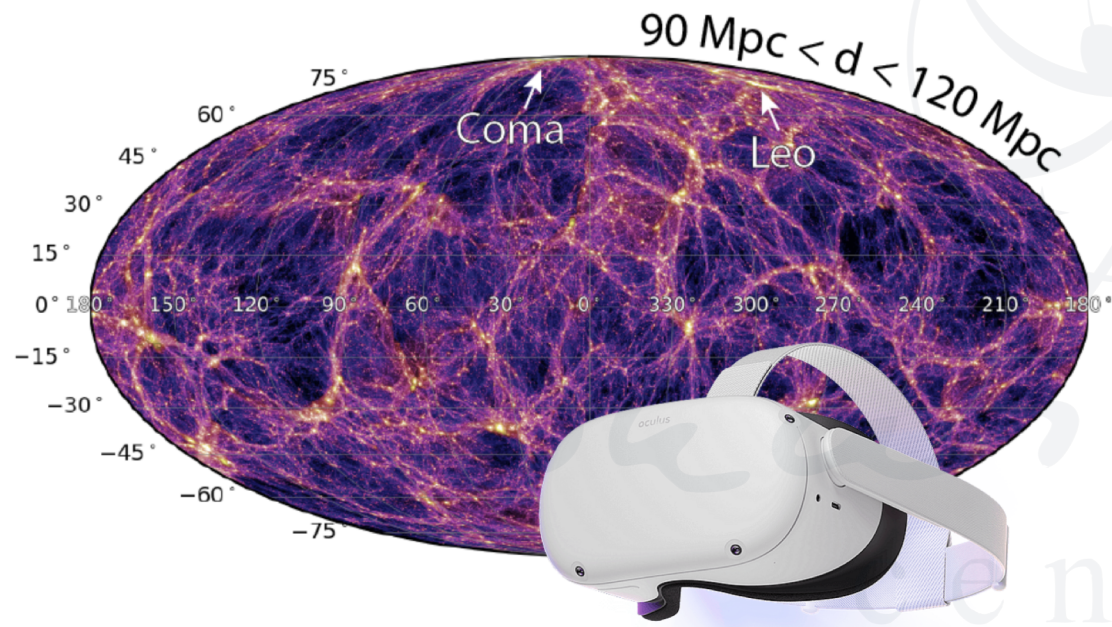
**Mark
Pearce**



**Jon
Gudmundsson**

Thursday morning

VR of our local Universe



Ludvig
Doeser



Stuart
McAlpine

**Drop in – Find us in FB53
from 9:30 to 11:00!**

Thursday morning

Jobs outside academia:

Learn more about the exciting careers from three of our former OKC members

Q&A session 11 AM – 12 PM

Find us in FB53!



**Matthew
Lawson**



**Rahman
Amandius**



**Stephan
Zimmer**

Thursday morning

Free discussions: Use the time to catch up with your colleagues in small groups – Book your meeting room [here!](#)



Meeting rooms - Informal discussions

We have prebooked the 5 meeting rooms for informal discussions. For access please contact local participants. (Note: For the...

Time		Room Link Info	AlbaNova A5:0019	AlbaNova A5:1041
From	to		Name	Name
09:00	09:15			
09:15	09:30			
09:30	09:45			
09:45	10:00		Goobar	
10:00	10:15		Goobar	
10:15	10:30			
10:30	10:45	Fika		
10:45	11:00	Fika		
11:00	11:15			
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11:45	12:00			
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13:30	13:45			
13:45	14:00			

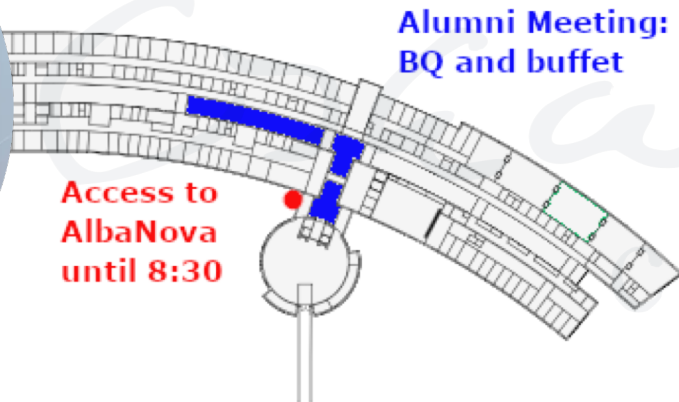
Add 1000 more rows at the bottom

Thursday evening

Alumni meet and BBQ

Starting at 5:30 PM

Performance by Jessica Elevant

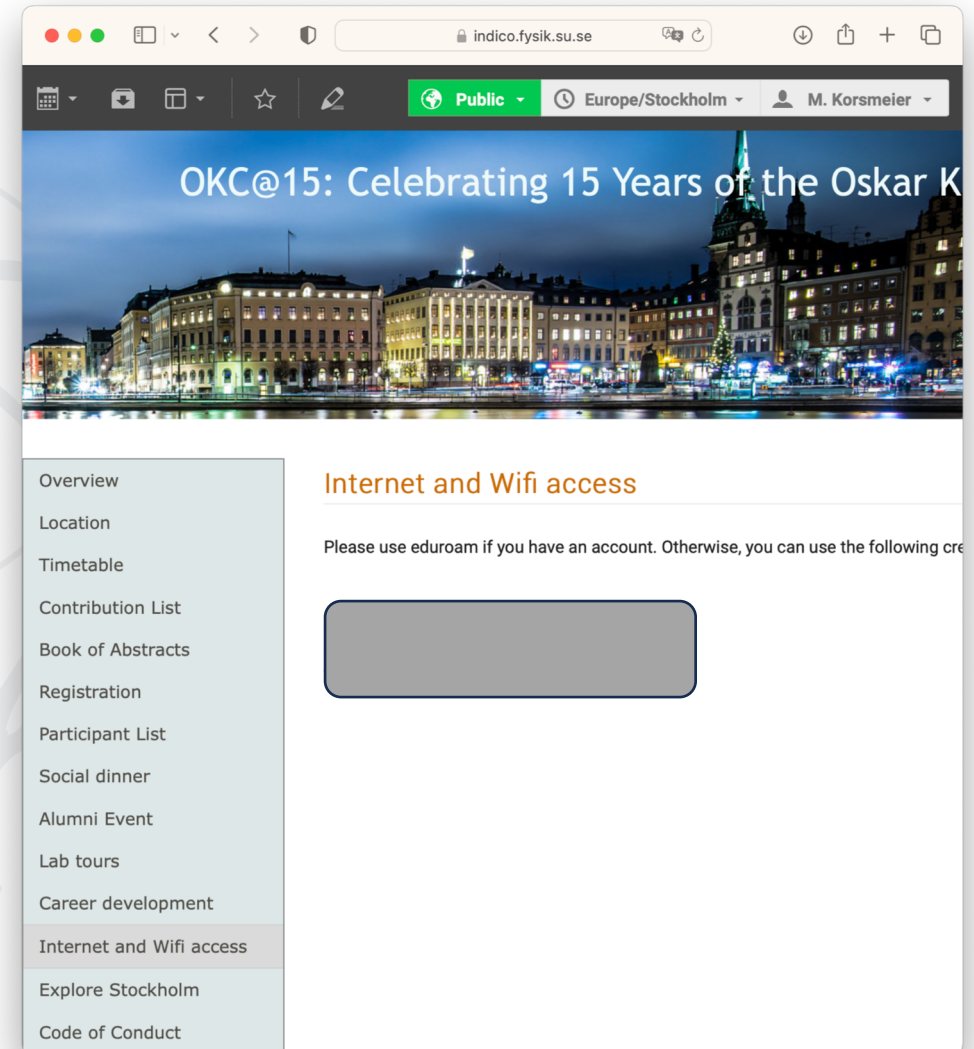


Internet and WiFi

Use **eduroam** if possible

Guest login credentials are available on the conference homepage

Make sure that you are logged in and registered to access the credentials.



Code of Conduct

- **Zero Discrimination Policy**: The conference opposes discrimination based on factors like ethnicity, religion, gender, etc.
- **No Harassment Tolerance**: Harassment, including inappropriate behavior and language, is strictly prohibited.
- **Professional Communication**: All communication should be professional and respectful, with no sexual or sexist content allowed.

Reach out to the Conference organizers if you have any questions or concerns (see [slide 3](#)).

Thank you for coming!



Oskar Klein
centre