

Suggestions for Afternoon Talks

The DBB PhD-council is offering to organize in collaboration with the DBB department a series of talks in the field of popular science. The idea is to invite inspirational speakers from Sweden and Europe to discuss and introduce scientific fields that are somehow related to the main field of Biochemistry and Biophysics and that remind us how those are more than lab work and research. The events will be open to everyone at DBB.

The events will happen in 6 occasions during the academic year, on a fixed day of the week afternoon, and will touch one of the following topics per event with the possibility to host up to 2 speakers per topic:

- Cognitive neuroscience
- Chemical Analysis in Forensic
- Genetic Anthropology
- Astrobiology
- Climate Change
- Health Crises
- Art in Science
- AI in the future, Self-developing Algorithm
- Synthetic Biology
- Evolution of Brain
- Philosophy/History of Science
- Feminist Biology/ Gender Bias in Biology

The restriction to one theme will make it easier to introduce the topic to the listeners and give more time for Q&A. The speeches will be about 30 minutes long with additional 10 minutes Q&A. It will be good to keep the event within 90 minutes with a maximum of 2 speakers.

The talks are a great opportunity to escape the daily and repetitive work and get in touch with inspiring experts from diverse fields that are linked to our research. We furthermore suggest the opportunity of a fika/meal following the talks to encourage mingling and discussions about the respective topics.

Topics and Suggestions:

- **Cognitive neuroscience**
Katarina Gospic (Sweden) wrote several books on what happens in the brain when we make decisions. She is, despite the young age, a reputable author of books in popular science.
- Chemical Analysis in Forensic
- Genetic Anthropology
- Astrobiology
- Climate Change
- **Health Crises**
How do we handle international Health risks and how is the workflow organized when a new virus strikes? Zika, Ebola are just two examples of what **Folkhälsomyndigheten** had to deal with in the last years. Let's find out how Sweden prevents spreading of epidemiological and microbiological diseases.
- Art in Science
- AI in the future, Self-developing Algorithm
- Synthetic Biology
- Evolution of Brain
- **Philosophy/History of Science**
Jesper Jerkert, research student at KTH, Department of Philosophy and History and author and editor to several books and scientific articles regarding popular and pseudoscience (i.e. 'Från ad hoc till önsketänkande – en guide till pseudovetenskapens värld' (2012))
- **Feminist Biology/Gender bias in Biology and Natural Sciences**

Sara Goodman, head of department at Department of Gender Studies at Lund University. Has organized a course at Lund University titled 'Genus i naturvetenskap och teknik'.