# FP Winter Meeting 9-11 January 2019

Salt och Sill, Klädesholmen, Tjörn
9 January open day. Departure 8:30 from Chalmers, arrival around 10
11 January return after lunch

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Talk schedule. Times are including questions.

## Wednesday 9th January (open day)

**10:15: welcome (Aarne + Koen)**
**10:25 - 12:00: talks (chair: Carl)**
       Krasimir: Learning a type system for natural language (25 mins)
       Prasanth and Aarne: Data augmentation for neural parsing, with a recap of almost compositional functions (25 mins)
       Prasad: Crowd-sourced Technical Texts can help Revitalise Indian Languages (25 mins)
       Aarne: Digital Grammars health app poster and demo (10 mins)
**12:00 - 14:00: lunch**
**14:00 - 15:30: talks (chair: John)**
       Jesper: [Edit-time tactics for Agda](#) (15 mins)
       Max: On Transparent Information Flow Control (25 mins)
       Marco: From Fine- to Coarse-Grained Dynamic Information Flow Control and Back (20 mins)
       Elisabet: A DSL for Privacy-Preserving Queries with Accuracy Guarantees (15 mins)
       Peter: MULLE demo (15 mins)
**15:30 - 16:00: coffee**
**16:00 - 17:30: talks (chair: Nick)**
       John: Bootstrap (20 mins)
       Patrik: A demo of [“Simple Reflect”](#) by Twan van Laarhoven applied to Power Series and Polynomials (DSLs of Math) (20 mins)
       Nachi: Compiling to Categories without Exponentials (15 mins)
       Lars Åke: property-based testing in teaching (25 mins)
       Koen: Programming puzzle (10 mins)

## Thursday 10th January

**9:00 - 10:15: talks (chair: Krasimir)**
      Nick: Psychic testing (25 mins)
      John: Combinatorial QuickCheck? (30 mins)
      Prasad: Hindi/Urdu framenet (20 mins)

**10:15 - 10:45: coffee**

**10:45 - 12:00: hacking session (chair: Koen)**

**12:00 - 14:00: lunch**

**14:00 - 17:00:** WE-work: "Work Environment Workshops for divisions at CSE"
- Group work about root causes of problems and ideas about solutions
- Based on input from the employee survey and other sources (stress, recovery, clear expectations, organisation, etc.)
- Facilitated by members of OLG (Sanna, Agneta)
- (This session will be carried out at all CSE divisions.)

**17:00 - 19:00 sauna**

**19:00          dinner**

## Friday 11th January

**9:00 - 10:15: talks (chair: Patrik)**
      Koen: Railway layout pictures (25 mins)
      Carl: Boolean expressions as first class objects (30 mins)
      Matti: Properties, Plugins, and Hole Fits (20 mins)

**10:15 - 10:45: coffee**

**10:45 - 11:55: talks (chair: Alex)**
      Dhas: Symbolic specification & evaluation of (simple) Machine Learning algorithms (20 mins)
      Abhiroop: Parallelizing cons lists (25 mins)
      Peter: MULLE behind the scenes + possible applications for QuickCheck (10min)
      Koen: Programming puzzle - solutions (10m)

**12:00  lunch**

**13:15  bus back to Chalmers**

Your ideas welcome below!

*You can also just add your initials to already suggested ideas to indicate that you support them.*

Sauna both evenings! AR SHE KC PJ MA MV HL MPG

Plenty of breaks without activities so that we get time to talk to each other and to FP colleagues on the open day MS AR SHE KC NS MA MPG

Hacking session KC SHE PJ AG MA MPG

AI session AR
  - Krasimir on machine learning of multilingual word senses
  - Prasanth and Aarne on data augmentation for syntactic parsing