

*Master topics*

***PUT***

*Institutt for informatikk, Universitetet i Bergen*

2016-09-28



# Advisors – PUT

[put.ii.uib.no](http://put.ii.uib.no)

## Logic



Marc  
Bezem



Michal  
Walicki



Uwe  
Wolter

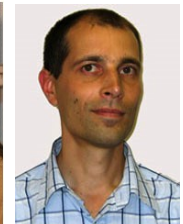
## BLDL



Magne  
Haveraaen



Anya  
Bagge



Jaakko  
Järvi

## Other



Torill  
Hamre

# Logic – PUT



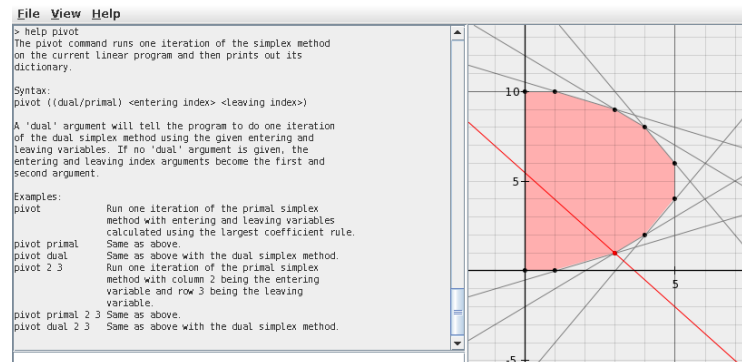
Marc.  
Bezem  
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- Marc
  - Homotopic type theory (very hot research topic)
  - Constraint programming (industry applications)



Michal.  
Walicki  
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- Pplex  
a pedagogical  
implementation  
of the Simplex  
method



- Michal
  - Logical paradoxes, SAT solvers
- Uwe
  - Model driven engineering (with høyskolen)
  - Category theory
  - Data bases



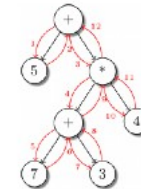
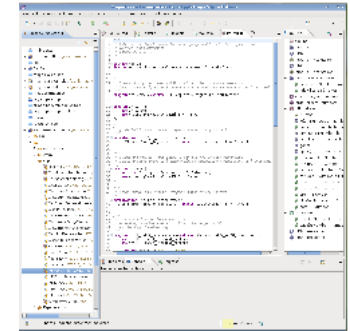
Uwe.  
Wolter  
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# BLDL – PUT

- Programming languages
  - Magnolia: a new experience in programming
- Language for UI design
- Programming language tools / IDE
- Programming models
  - Parallel programming, FPGA, GPU
  - Secure programming
- Software (language) engineering
- Play with
  - Sphero robots
  - Nvidia Jetson TX1
  - Interactive art (with artists)



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Jarvi  
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# Andre oppgaver – PUT



Torill.  
Hamre  
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- Torill
  - Geografiske informasjonssystem (GIS)
    - Web-GIS
    - Hav-database
- Marc
  - Sky-sikkerhet
  - Sky-tjenester
  - Constraint programming (industry applications)
- Oppgaver foreslått av studenter
- Oppgaver med ekstern veileder



Marc.  
Bezern  
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