

## Timetable

### Thursday, 23rd January

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09h45 Welcome  
10h00 (**course**) Luís Antunes, *A crash course on computational complexity*  
11h00 Coffee break  
11h30 (**course**) Michael Rathjen, *Proof Theory: From arithmetic to set theory*  
12h30 Lunch  
14h00 (**course**) Alex Simpson, *Real numbers in type theory*  
15h00 (**course**) Luís Antunes, *A crash course on computational complexity*  
16h00 Coffee break  
16h30 Mário Pereira, *Liquid Types Revisited*  
17h00 Tarmo Uustalu, *Finiteness and rational datatypes, constructively*  
17h30 Filipe Casal, *SMT and Theory Combination Techniques*  
18h00 Luís Barbosa, *Hybridize to Specify: institution-independent foundations for reconfigurable systems specification*  
18h30 Diana Costa, *Paraconsistency in hybrid logic*  
19h00 End of the session

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### Friday, 24th January

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09h00 (**course**) Michael Rathjen, *Proof Theory: From arithmetic to set theory*  
10h00 (**course**) Luís Antunes, *A crash course on computational complexity*  
11h00 Coffee break  
11h30 (**course**) Mário Edmundo, *Model theory (analytic part): from Grothendieck to André-Oort*  
12h30 Lunch  
14h00 (**course**) Alex Simpson, *Real numbers in type theory*  
15h00 Pridon Alshibaia, *On Finitely Valued Bimodal Symmetric Gödel Logics*  
15h30 Eduardo Hermo, *Worms, Ordinal Worms and Ordinal Analysis*  
16h00 Coffee break  
16h30 (**course**) Mário Edmundo, *Model theory (analytic part): from Grothendieck to André-Oort*  
17h30 João Enes, *A new interpretation of  $ID_1$  in  $ID_1(W)$*   
18h00 Fernando Ferreira, *New proof-theoretic facts about  $KP_\omega$*   
18h30 Jaime Gaspar, *Completeness of Peano arithmetic with the  $\omega$ -rule*  
19h00 End of the session  
20h00 Social dinner  
23h30 Concert

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### Saturday, 25th January

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09h00 (**course**) Alex Simpson, *Real numbers in type theory*  
10h00 (**course**) Michael Rathjen, *Proof Theory: From arithmetic to set theory*  
11h00 Coffee break  
11h30 (**course**) Mário Edmundo, *Model theory (analytic part): from Grothendieck to André-Oort*  
12h30 End of the meeting

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