## PROGRAMME: PRAGUE GATHERING OF LOGICIANS & BEAUTY OF LOGIC 2018

Villa Lanna, 25–27 January, 2018

Thursday, 25 January

9:30 - 10:00 9:50	registration and morning coffee opening		
10:00 - 11:00	Pavel Hrubeš	Random formulas and the interpolation technique in proof complexity	
11:00 - 11:15	break		
11:15 - 12:15	Carles Noguera	A graded model theory	
14:00 - 15:00	Francesc Esteva	On first order and modal Łukasiewicz and product logics	
15:00 - 15:30	coffee break		
15:30 - 16:30	George Metcalfe	Finite model properties for the one-variable fragment of first-order Gödel logic	
16:30 - 16:45	break		
16:45 - 17:10 17:10 - 17:35	Vít Punčochář Sándor Jenei	A logic of questions based on Lukasiewicz fuzzy logic Strong standard completeness of <b>IUL</b> plus $\mathbf{t} \Leftrightarrow \mathbf{f}$ via a structure theorem for finitely generated group-like FL <sub>e</sub> -algebras à la Hahn	
$\begin{array}{rrrr} 17:35 & - & 18:00 \\ 18:00 & - & 18:25 \end{array}$	Vilém Novák Luca San Mauro	On partial fuzzy type theory Trial and error mathematics: dialectical, $p$ -dialectical, and q-dialectical systems	

Friday,	26	January
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9:30 - 10:00	morning coffee	
10:00 - 11:00	Sy David Friedman	The current state of the foundations of set theory
11:00 - 11:15	break	
11:15 - 12:15	Joel David Hamkins	The universal algorithm and the universal finite set

Friday, 26 January (cont'd)				
14:00 - 15:00	Peter Schroeder-Heister	Ekman's paradox and the quest for an intensional theory of proofs		
15:00 - 15:30	coffee break			
15:30 - 16:30	Albert Visser	Intuitionistic provability logic		
16:30 - 16:45	break			
16:45 - 17:10 17:10 - 17:35	Anna Horská Bertalan Bodor	What is the height of Gentzen reduction trees? Homogeneous structures and a new poset		
19:00	banquet dinner			

Saturday, 27 January

9:30 - 10:00	morning coffee	
10:00 - 11:00	Manuel Bodirsky	Complexity classifications for fragments of existential second-order logic
11:00 - 11:15	break	
11:15 - 12:15	Michael Pinsker	Equations in algebras induced by beautiful first-order structures
14:00 - 15:00	Tomáš Kroupa	Hájek's probability logic and its two-sorted algebraic semantics
15:00 - 15:30	coffee break	
15:30 - 16:30	VINCENZO MARRA	Universal expectations, generic measure spaces, and Hájek's probability logic
16:30 - 16:45	break	
$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	Antonín Dvořák Libor Běhounek Igor Sedlár Petr Cintula	First-order fuzzy modal logics with variable domains Hájek-style modalities in fuzzy intensional semantics Reasoning about weighted graphs in many-valued modal logic On Hájek's (half-)forgotten treasures
18:30	closing	