

# Workshop on Non-Classical Mathematics

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Part of the UniLog Congress 2013, Rio de Janeiro

Workshop organizers: Libor Běhounek and Petr Cintula

## Workshop programme

### Wednesday, April 3

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| 9:30 – 10:30  | A. Avron: <i>A New Approach to Predicative Set Theory</i> (keynote lecture)   |
| 10:30 – 11:00 | <i>Coffee break</i>   |
| 11:00 – 11:30 | M. McKubre-Jordens: <i>Constructive Lessons for Paraconsistency</i>   |
| 11:30 – 12:00 | T. Połacik: <i>A Semantical Approach to Conservativity of Classical First-Order Theories over Intuitionistic Ones</i> |
| 12:00 – 12:30 | M. Holčapek: <i>Fuzzy Sets and Fuzzy Classes in Universes of Sets</i>   |
| 12:30 – 14:00 | <i>Lunch break</i>  |
| 14:30 – 15:00 | Z. Weber: <i>Fixed Point Theorems in Non-Classical Mathematics</i>  |
| 15:00 – 15:30 | P. Verdée: <i>Adding the <math>\omega</math>-Rule to Peano Arithmetic by Means of Adaptive Logic</i>                  |
| 15:30 – 16:00 | H. Omori: <i>Remarks on Naive Set Theory Based on da Costa's Idea</i>   |
| 16:00 – 16:30 | F. Bjørdal: <i>A Sober Librationist Interpretation of ZF</i>  |