Mid-West Model Theory
In Honor of Charles Steinhorn's 70th Birthday
University of Illinois Chicago
October 14–16

Friday October 14 UIC Library Conference Room 1-470

1:00–2:00 Alf Onshuus (Universidad de los Andes), Decomposable linearly ordered structures and classification of Lie groups definable in o-minimal structures

2:15–2:45 Adele Padgett (McMaster), Sublogarithmic-transexponential series

3:00–4:00 Artem Chernikov (UCLA), Higher Vapnik–Chervonenkis theory (MSCS Colloquium)

4:15–5:15 Gabriel Conant (OSU), Preservation of tameness when naming a structure

Saturday, October 15 Lecture Center C1

9:00–10:00 Chris Miller (OSU), Expansions by cofinal sequences of expansions of dense linear orders

10:10–11:10 Dugald Macpherson (Leeds), Definable sets in finite structures (via zoom)

11:20–12:20 Dario Garcia (Universidad de los Andes), Pseudofinite structures, simplicity and ordered asymptotic classes

2:00–3:00 Margaret Thomas (Purdue), Definable topological spaces in o-minimal structures

3:10–3:40 Mariana Vicaria (UCLA), Towards an Imaginary Ax–Kochen/Ershov principle

3:50–4:50 Anand Pillay (Notre Dame), Open subgroups of p-adic algebraic groups

5:00–7:00 Reception, Student Center East, 2nd floor terrace

Sunday October 16 Lecture Center C1

9:30–10:30 Sylvy Anscombe (Paris Cité), TBA

10:40–11:10 Matthew DeVillbis (OSU), Generic differential equations are strongly minimal

11:20–12:20 Kobi Peterzil (Haifa), Additive, possibly unordered, reducts of a real closed field