Model theory
of tame expansions of topological fields

INdAM intensive period

Naples, 19 May – 18 July 2025

INdAM Unit

Department of Mathematics and Applications "Renato Caccioppoli"

University of Naples Federico II

https://naplesmodeltheory2025.github.io/

Programme

21–23 May 2025 Mini-workshop: *Recent developments in the model theory of fields*

23–26 June 2025 Summer school: *Exponential fields and valued fields in model theory*

14–18 July 2025 Conference: *Model theory and tame expansions of topological fields*

There will also be seminars at the Department of Mathematics and Applications for the entire duration of the programme.

Topics

Tame real analytic functions

Quasiminimal expansions of algebraically closed fields

Tame differential algebra

Valued fields and Hensel-minimality

Organising committee

Giuseppina Terzo (University of Naples Federico II)

Sebastian Eterović (University of Vienna)

Antongiulio Fornasiero (University of Florence)

Omar León Sánchez (University of Manchester)

Sonia L'Innocente (University of Camerino)

Vincenzo Mantova (University of Leeds)

Local organisers (University of Naples Federico II)

Giuseppina Terzo

Vincenzo Amato

Alba Masiello

Gloria Paoli

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