Program at a glance
Program at a Glance

Monday 23rd - Aula Magna di Palazzo Bo
08:30 Registration
09:00 Opening
09:30 Claire Voisin - On the complex cobordism classes of hyper-Kähler manifolds
10:30 Coffee break
11:00 Martin Hairer - A mathematical journey through scales
12:00 Livia Giacardi - The Unione Matematica Italiana in the interwar period. Scientific, institutional and political aspects
12:40 Lunch
14:30 Laura De Marco - Rigidity and uniformity in algebraic dynamics
15:30 Luca Dell’Aglio - Padova and the absolute differential calculus
16:10 Coffee break
16:40 Round Table “The usefulness of useless knowledge”: J.-P. Bourguignon, P. Corna Pellegrini, I. Daubechies, A. Sangiovanni-Vincentelli (Chair: T. Pievani)
21:00 Play “Spaghetti e Levi Civita” by Teatro Boxer of Andrea Pennacchi (Sala dei Giganti, in Italian)

Tuesday 24th - Aula Magna di Palazzo Bo
09:00 Alberto Bressan - Lagrangian Systems Controlled by Active Constraints
10:00 Peter Scholze - Condensed Mathematics
11:00 Coffee break
11:30 Camillo De Lellis - Boundary regularity of minimal surfaces
12:30 Lunch
14:30 Cynthia Dwork - Outcome Indistinguishability, Scaffolding Sets, and Pan-Calibration
15:30 Coffee break
16:00 Round Table “Mathematical challenges in an AI driven world”: P. Baldi, G. Kutyniok, Y. LeCun, T. Poggio (Chair: E. De Vito)

Wednesday 25th - Auditorium Pollini
09:00 Alessio Figalli - Ubiquità del Trasporto Ottimale
10:00 Prizes Award
10:30 Corollario Choir concert
11:00 Coffee break
11:30 Assemblea UMI
Free afternoon
19:00 Free transportation from Torre Archimede to the location of Social Dinner
20:00 Social Dinner (Villa Foscarini-Rossi)

Thursday 26th - Torre Archimede
09:00* Alessandro Giuliani - Spontaneous breaking of continuous symmetry in the Heisenberg model: old and new
10:00 Parallel sessions - BDEFGJLMN
11:00 Coffee break - Ground Floor
11:30 Parallel sessions - BDEFGJLMN
12:30 Lunch
14:00* Andrea Mondino - Smooth and non-smooth aspects of Ricci curvature lower bounds
15:00 Coffee break - Ground Floor
15:30 Parallel sessions - ACDEGJKLMN
16:30* Round Table “11^2 years after Volterra: applying mathematics to biological and social sciences”: I. Dorigatti, M. Fornasier, B. Piccoli (Chair: R. Natalini)
Friday 27th - Torre Archimede
08:30 Parallel sessions - EGJLM
09:00 Parallel sessions - ABCEGHJLM
09:30* Giulia Saccà - Holomorphic symplectic manifolds and completely integrable systems
10:30 Coffee break - Ground Floor
11:00* The after math. Quali lavori per i PhD in Matematica? Incontro con alcune aziende (in Italian, Chairs: G. Callegaro, A. Larese)
12:00 Parallel sessions - ABCDFGHIKM
13:00 Lunch
14:30 Parallel sessions - ABCDFGIKLM
15:30* Daniele Di Pietro - From physical models to advanced numerical methods through de Rham cohomology
16:30 Farewell Spritz - Ground Floor

* In Torre Archimede, all Plenaries and Round Tables are in Room 1A150 - 1st Floor, with live streaming in Room 1C150 - 1st Floor.

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Complete program on the conference app or www.100umi800unipd.it/program
Send your questions to the speakers: www.100umi800unipd.it/question

List of Parallel Sessions

Session A - Logica, Storia, Didattica
   Thursday - Room 2AB45 at 15.30; Friday - Room 2AB45 at 09.00 12.00 14.30

Session B - Algebra
   Thursday - Room 2AB45 at 10.00 11.30; Friday - Room 1BC50 at 09.00 12.00 14.30

Session C - Geometria Algebrica
   Thursday - Room ASTA at 15.30; Friday - Room 2BC30 at 09.00 12.00 14.30

Session D - Geometria Differenziale e Topologia
   Thursday - Room 1AD100 at 10.00 11.30 15.30; Friday - Room 1AD100 at 12.00 14.30

Session E - Calcolo delle Variazioni
   Thursday - Room 1BC50 at 10.00 11.30 15.30; Friday - Room ASTA at 08.30

Session F - Teoria del controllo
   Thursday - Room ASTA at 10.00 11.30; Friday - Room ASTA at 12.00 14.30

Session G - Equazioni a derivate parziali
   Thursday - Room 1A150 at 10.00 11.30 15.30; Friday - Room 1A150 at 08.30 12.00 14.30

Session H - Equazioni a derivate parziali lineari
   Friday - Room 2BC60 at 09.00 12.00

Session I - Analisi Funzionale
   Friday - Room 2AB40 at 12.00 14.30

Session J - Probabilità, Ricerca operativa, Statistica
   Thursday - Room 2BC30 at 10.00 11.30 15.30; Friday - Room 1BC45 at 08.30

Session K - Fisica Matematica
   Thursday - Room 1BC45 at 10.00 11.30 15.30; Friday - Room 1BC45 at 12.00 14.30

Session L - Analisi Numerica
   Thursday - Room 2BC60 at 10.00 11.30 15.30; Friday - Room 2AB40 at 08.30, Room 2BC60 at 14.30

Session M - Math 4 Real World
   Thursday - Room 1C150 at 10.00 11.30 15.30; Friday - Room 1C150 at 08.30 12.00 14.30

Session N - Biomatematica
   Thursday - Room 2AB40 at 10.00 11.30 15.30