

Youth in High-Dimensions: Recent Progress in Machine Learning, High-Dimensional Statistics and Inference | (SMR 4227)

20 Jul 2026 - 23 Jul 2026
ICTP, Italy

4 Directors

1. BARBIER Jean	(In Pers.)	ICTP	Italy
2. CORNACCHIA Elisabetta	(In Pers.)	Bocconi University	Italy
3. GOLDT Sebastian Dominik	(In Pers.)	SISSA	Italy
4. MONDELLI Marco	(In Pers.)	Institute of Science and Technology	Austria

16 Speakers

1. BENEVENTANO Pierfrancesco	(In Pers.)	Massachusetts Institute of Technology	United States of America
2. BUCHANAN Samuel Douglas	(In Pers.)	UC Berkeley	United States of America
3. COHEN Jeremiah Moshe	(In Pers.)	Flatiron Institute	United States of America
4. COSSON Romain Jean Francois Gilles	(In Pers.)	New York University	United States of America
5. DANDI Yatin	(In Pers.)	EPFL	Switzerland
6. DOMINE Clementine Carla Juliette	(In Pers.)	ISTA	Austria
7. FAVERO Alessandro	(In Pers.)	Cambridge University, Department of Applied Mathematics and Theoretical Physics	United Kingdom of Great Britain and Northern Ireland
8. KOLOSKOVA Anastasia	(In Pers.)	University	Switzerland
9. KUR Gil	(In Pers.)	ETH Zurich	Switzerland
10. LAUDITI Clarissa	(In Pers.)	Harvard University	United States of America
11. LI Shuangping	(In Pers.)	Yale University	United States of America
12. LOTFI JANDAGHI Aryo	(In Pers.)	Apple	Switzerland
13. MARION Pierre Victor Ulysse	(In Pers.)	INRIA	France
14. NICHANI Eshaan	(In Pers.)	Princeton University	United States of America
15. NOCI Lorenzo	(In Pers.)	ETH	Switzerland
16. TSILIVIS Nikolaos	(In Pers.)	New York University	United States of America

82 Participants

1. ADIB Youssef	(Online)	Mohammed V University LPHE-Modeling and Simulation	Morocco
2. ALI Muhammad Saifullahi	(Online)	Università degli Studi dell'Aquila, DISIM.	Italy
3. AMARHYOUSH Othmane	(In Pers.)	Faculty of Sciences Department of Physics Mohammed V University in Rabat	Morocco
4. AMERIO Giacomo	(In Pers.)	University of Trieste Department of Mathematics, Informatics and Geosciences, Data Science & Artificial Intelligence SISSA, Cognitive Neuroscience, Visual Neuroscience Lab	Italy
5. ANJUM Zareen Tahsin	(Online)	University of Dhaka Department of Nuclear Engineering	Bangladesh
6. ANWAR Ehtesham	(Online)	Department of Polymer Science and Engineering Division CSIR National Chemical Laboratory	India
7. BASYOUNI Mohamed Ahmed Asmaa	(In Pers.)	SISSA (International School for Advanced Studies)	Italy
8. BATRA Srishti	(In Pers.)	National Centre for Biological Sciences, NCBS- TIFR	India
9. BEKERA Ahmedin Beyan	(In Pers.)	Independent Research	United Arab Emirates
10. BELAROUHI Khaoula	(In Pers.)	University Hassan 2 Faculty of science and technology Laboratory of Mathematics	Morocco
11. BENAM Babak	(Online)	Shiraz University Department of Physics	Iran (Islamic Republic of)
12. BITON Castillo Dionessa	(In Pers.)	Université de Montréal	Canada
13. BOMBARI Cecilia	(In Pers.)	Università di Pavia	Italy
14. BONATO Matteo	(In Pers.)	INAF-IRA	Italy

15.	CAMILLI Francesco	(In Pers.)	Department of Mathematics Alma Mater Studiorum Università di Bologna	Italy
16.	CUCKIC Nikolija	(In Pers.)	Faculty of Science and Mathematics Department of Computer Science University of Niš	Serbia
17.	D'ANTONA Antonio Giulio	(In Pers.)	University of Pisa Department of Mathematics	Italy
18.	DEEBA Farah	(Online)	Dhaka University of Engineering and Technology Department of Physics	Bangladesh
19.	DELL'ABATE Andrea Vincenzo	(In Pers.)	École normale supérieure - PSL ARGO research group	France
20.	DEORA Puneesh	(In Pers.)	Department of Electrical and Computer Engineering, The University of British Columbia	Canada
21.	DE PAOLIS Ludovica	(In Pers.)	SISSA Cognitive Neuroscience - Neural Computation Lab	Italy
22.	EL HAOUAT Achraf	(In Pers.)	LPHE-Modeling and Simulation Faculty of Sciences Mohammed V University in Rabat	Morocco
23.	EL MOURABIT Yousef	(In Pers.)	TIAD Laboratory, Faculty of Sciences and Technics, Sultan Moulay Slimane University	Morocco
24.	ERAZO VALLEJOS Cristopher Ricardo	(In Pers.)	Scuola Internazionale Superiore di Studi Avanzati SISSA	Italy
25.	FIFEN Hassan	(In Pers.)	African Institute for Mathematical Sciences Research and Innovation Centre	Rwanda
26.	GARNIER BRUN Jerome Mathieu Samuel	(In Pers.)	Department of Computing Sciences Bocconi University	Italy
27.	GASBARRI Gabriele	(In Pers.)	Bocconi Department of Computing Sciences	Italy
28.	GASU Edward Ntim	(Online)	ICTP-East African Institute for Fundamental Research University of Rwanda	Rwanda
29.	GIORLANDINO Alessio	(In Pers.)	SISSA	Italy
30.	GUARNIERI Victoria	(Online)	Facultad de Ingeniería y Ciencias Exactas y Naturales, Universidad Favaloro	Argentina
31.	HOVHANNISYAN Vahan	(In Pers.)	A. I. Alikhanyan National Science Laboratory Department of Theoretical Physics	Armenia
32.	IGWE Emmanuel Awucha	(Online)	University of Nigeria Faculty of Physical Sciences Department of Physics and Astronomy	Nigeria
33.	JANKOLA Marek	(In Pers.)	Institute of Science and Technology Austria (ISTA)	Austria
34.	KOVACEVIC Filip	(In Pers.)	Institute of Science and Technology Austria	Austria
35.	KUMMARAGUNTA Venkata Sriharsha	(Online)	-	India
36.	LAHJILI Ibtissam	(In Pers.)	AIMCE Laboratory ENSAM Hassan II University of Casablanca	Morocco
37.	LAL Bharat	(In Pers.)	CURAM Research Ireland Center for Medical Devices University of Galway, Ireland	Ireland
38.	LAO Cubing David Bryan	(In Pers.)	Theoretical Biophysics Group, Institute for the Dynamics of Complex Systems, Faculty of Physics, Georg-August-Universität Göttingen	Germany
39.	LAOYE Victoria Eshomomoh	(In Pers.)	Department of Statistics Faculty of Science University of Ibadan	Nigeria
40.	LIN Yuzheng	(In Pers.)	Princeton University	United States of America
41.	LOTITO Daniele	(In Pers.)	IBM Research Europe	Ireland
42.	LUCARELLI Giovanni	(In Pers.)	Università degli Studi di Trieste	Italy
43.	MARCHESINI Mattia	(In Pers.)	Scuola Normale Superiore Università di Pisa	Italy
44.	MARCHETTA Theo	(In Pers.)	University of Bologna Department of mathematics	Italy
45.	MELLIT Ahmed	(In Pers.)	Mohamed 5 University of Rabat	Morocco
46.	MEVADA Niyati Upendra	(Online)	Department of Physics School of Energy Technology Pandit Deendayal Energy University	India
47.	NIEVES CUADRADO Joan Andres	(In Pers.)	Intituto de Cibernética Matemática y Física	Cuba
48.	NWEMADJI TIAKO Arsene Gibbs	(Online)	International School for Advance Studies	Italy
49.	OSEI BOAKYE Emmanuel	(Online)	University of Ghana, Department of Physics	Ghana
50.	OUKHOUYA Hassan	(In Pers.)	Mohammed First University of Oujda Laboratory of Stochastic and Deterministic Modeling (LaMSD) Team of Statistical Modeling and Applications to Economics (MSASE)	Morocco
51.	PANDEY Aaradhya	(Online)	Princeton University	United States of America

52.	PASCUAL COBO Pablo	(In Pers.)	Institute of Science and Technology Austria	Austria
53.	PEREZ ORTIZ Rodrigo Emilio	(In Pers.)	University of Bologna	Italy
54.	PIERRE Sebastien Alexandre Nicolas	(In Pers.)	Laboratoire de physique de l'école normale supérieure	France
55.	PRANIDA Salsabila Zahirah	(Online)	Department of Natural Language Processing, MBZUAI	United Arab Emirates
56.	RABIICHUK Tetiana	(In Pers.)	Institute of Science & Technology Austria (ISTA)	Austria
57.	RAYO Joshua Frankie	(In Pers.)	International Center for Theoretical Physics Master in High Performance Computing Program	Italy
58.	RICCI Fabiola	(In Pers.)	SISSA	Italy
59.	RIZZI Lorenzo	(In Pers.)	Università degli Studi di Padova Dipartimento di Fisica e Astronomia	Italy
60.	ROBIN David Albert Rolando	(In Pers.)	Dauphine University	France
61.	SAEED Basil Nael Omar	(In Pers.)	Stanford University	United States of America
62.	SAFARPOURDOBAKSHARY Aminreza	(Online)	Shahid Beheshti University Department of Physics	Iran (Islamic Republic of)
63.	SALMASSIAN Behzad	(In Pers.)	OGS	Italy
64.	SAO TEMGOUA Myke Vital	(In Pers.)	University of Yaounde I Faculty of Sciences Department of Physics	Cameroon
65.	SARTI Paolo	(In Pers.)	Scuola Imt Alti Studi Lucca - NETWORKS unit Università di Pisa (Unipi) Computer Science Department	Italy
66.	SEWE Stanley Odhiambo Onyango	(Online)	South Eastern Kenya University	Kenya
67.	SHEVCHENKO Aleksandr	(In Pers.)	ETH Zürich	Switzerland
68.	SHQEMZA Matteo	(In Pers.)	Alma Mater Studiorum - Università di Bologna Dipartimento di Fisica e Astronomia "Augusto Righi" - DIFA	Italy
69.	SINAPILO Deligente Abdel Jalal	(In Pers.)	Artificial Intelligence Program, National Graduate School of Engineering, University of the Philippines	Philippines
70.	SRIVASTAVA Rohit	(Online)	Pandit Deendayal Petroleum University	India
71.	TAUSANI Lorenzo	(In Pers.)	International School for Advanced Studies (SISSA) Neuroscience area	Italy
72.	TORRE DE SETA Gabriel Gregorio	(In Pers.)	Universidad de Buenos Aires Facultad de Ingeniería Instituto de Ingeniería Biomédica	Argentina
73.	TORRES VARGAS Gamaliel	(In Pers.)	Universidad Autonoma del Estado de Hidalgo	Mexico
74.	TRIVEDI Nisarg Kirankumar	(In Pers.)	Dhirubhai Ambani University	India
75.	UMAR Ali Hussaini	(In Pers.)	The Abdus Salam International Center for Theoretical Physics	Italy
76.	URMI Farhana Hoque	(Online)	Dept.of physics Dhaka University of Engineering and Technology	Bangladesh
77.	VARETTI Sara	(In Pers.)	SISSA	Italy
78.	VASSAUX Louis Charles Franck	(In Pers.)	INRIA Paris	France
79.	VENTURA Enrico	(In Pers.)	Scuola Internazionale di Studi Superiori Avanzati	Italy
80.	VIAZZO Carla Daniela	(Online)	Departamento de Ciencias de la Atmósfera y los Océanos Facultad de Ciencias Exactas y Naturales Universidad de Buenos Aires	Argentina
81.	WU Xiangyu	(In Pers.)	School of Physics Peking University	China
82.	ZELCO Chiara	(In Pers.)	Ecole Normale Supérieure	France