

**Eleventh Annual International Conference on Learning Representations (ICLR)
First AI Conference in Africa with 1530% higher African registrations
(Kigali, Rwanda)
2023 Fact Sheet**

[Summary Video](#)

[Invited Talks:](#)

- Sofia Crespo, [Entanglements, Exploring Artificial Biodiversity](#)
- Girmaw Abebe Tadesse, [Understanding Systematic Deviations in Data for Trustworthy AI](#)
- Masashi Sugiyama, [Importance-Weighting Approach to Distribution Shift Adaption](#)
- Elaine Nsoesie, [AI, History and Equity](#)
- Dilek Hakkani-Tur, [Dialogue Research in the Era of LLMs](#)
- Jascha Sohl-Dickstein, [Learned optimizers: why they're the future, why they're hard, and what they can do now](#)



Elaine O. Nsoesie



Sofia Crespo



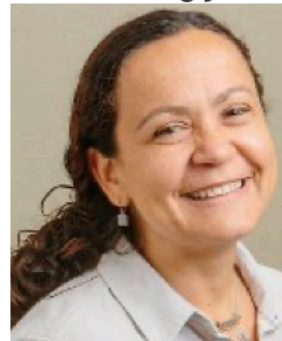
Masashi Sugiyama



Girmaw Abebe Tadesse



Jascha Sohl-Dickstein



Dilek Hakkani-Tur

[Outstanding Paper Awards:](#)

- [Universal Few-shot Learning of Dense Prediction Tasks with Visual Token Matching](#) by , Jinwoo Kim, Seongwoong Cho, Chong Luo, Seunghoon Hong
- [Rethinking the Expressive Power of GNNs via Graph Biconnectivity](#) by Bohang Zhang, Shengjie Luo, Liwei Wang, Di He

- [DreamFusion: Text-to-3D using 2D Diffusion](#) by Ben Poole, Ajay Jain, Jonathan T. Barron, Ben Mildenhall
- [Emergence of Maps in the Memories of Blind Navigation Agents](#) by Erik Wijmans, Manolis Savva, Irfan Essa, Stefan Lee, Ari S. Morcos, Dhruv Batra

Honorable Mention Paper Awards:

- [Towards Understanding Ensemble, Knowledge Distillation and Self-Distillation in Deep Learning](#) by Zeyuan Allen-Zhu, Yuanzhi Li
- [Mastering the Game of No-Press Diplomacy via Human-Regularized Reinforcement Learning and Planning](#) by Anton Bakhtin, David J Wu, Adam Lerer, Jonathan Gray, Athul Paul Jacob, Gabriele Farina, Alexander H Miller, Noam Brown
- [On the duality between contrastive and non-contrastive self-supervised learning](#) by Quentin Garrido, Yubei Chen, Adrien Bardes, Laurent Najman, Yann LeCun
- [Conditional Antibody Design as 3D Equivariant Graph Translation](#) by Xiangzhe Kong, Wenbing Huang, Yang Liu
- [Disentanglement with Biological Constraints: A Theory of Functional Cell Types](#) by James C. R. Whittington, Will Dorrell, Surya Ganguli, Timothy Behrens

Global Participation:

- 3,758 participants spanning 73 countries
- 2,015 in-person
- 1,743 virtual
- 152 volunteers (62 virtual, 90 in-person) contributed over 3,420 hours (that's 4.75 months)

Past ICLR Locations and Participants:

- 2022: Virtual (Global) 5,200 participants from 81 countries
- 2021: Virtual (Global) 6,300 participants from 64 countries
- 2020: Virtual (Global) 5,600 participants from 76 countries
- 2019: New Orleans (USA) 2,600 participants from 50 countries
- 2018: Vancouver (Canada) 1,950 participants from 38 countries
- 2017: Toulon (France)
- 2016: San Juan (Puerto Rico)
- 2015: San Diego (USA)
- 2014: Banff (Canada)
- 2013: Scottsdale (USA)

Research Content:

- 6 invited talks
- 4 Outstanding Paper Award winners
- 5 Honorable Mention Awards
- Record number of abstract submissions - 6,381
- 4,938 submissions
- 1,574 accepted papers



- 31% acceptance rate
- 1500 more submissions, 500 more accepted compared to 2022
- 247 all in-person presentations in 6 sessions 5-6 parallel tracks
- 91 top 5% papers, 280 top 25% papers, 1203 posters accepted
- 841 in-person Posters in 6 poster sessions
- 4 in-person Socials
- 21 workshops, Tinypaper workshops
- new in 2023 "Office Hours" with 15 senior researchers
- Affinity Groups: Kaggle@ICLR2023 with Zindi, Indaba X Rwanda

Program Committee Statistics:

- 5,734 reviewers compared to 5,507 reviewers in 2022
- 413 area chairs (similar to 2022)
- 40 senior area chairs (2x from 2022)
- Every paper received at least 3 reviews
- Each reviewer was assigned an average of 3.5 papers to review
- Each AC was assigned an average of 9.8 papers to review
- Average paper score before/after the discussion period: 5.15 -> 5.44

How to find highlighted papers:

- Accepted papers are available: [ICLR 2023 papers](#)
- Most events will be live-streamed. Recordings will be publicly available about a month after ICLR.cc
- [ICLR 2023 Blogposts Track](#)

#

Media Contact:
Becky Obbema
Interprose, PR for ICLR
press@iclr.cc