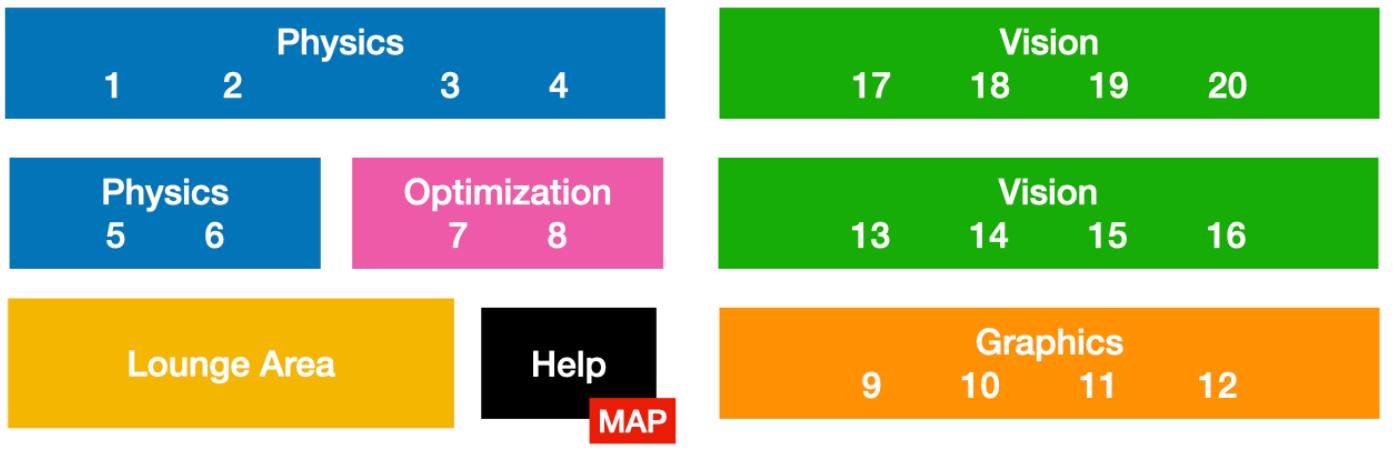

DiffCVGP NeurIPS Workshop Gather.Town Poster Session Map

https://neurips.gather.town/app/qKK4OTGCRLCWR0tE/diffcvgp

Poster ID	Paper Title	Authors
1	Using Differentiable Physics for Self-Supervised Assimilation of Chaotic Dynamical Systems	Michael McCabe (University of Colorado Boulder)*; Jed Brown (University of Colorado Boulder)
2	phiflow: A Differentiable PDE Solving Framework for Deep Learning via Physical Simulations	Philipp M Holl (Technical University of Munich); Kiwon Um (Telecom Paris); Nils Thuerey (Technical University of Munich)*
3	Solving Physics Puzzles by Reasoning about Paths	Augustin Harter (Bielefeld University); Andrew Melnik (Bielefeld University)*; Gaurav Kumar (Bielefeld University); Dhruv Agarwal (Indian Institute of Technology); Animesh Garg (University of Toronto, Vector Institute, Nvidia); Helge Ritter (Bielefeld University)
4	Sparse-Input Neural Network Augmentations for Differentiable Simulators	Eric Heiden (University of Southern California)*; David R Millard (University of Southern California); Erwin Coumans (Google); Gaurav Sukhatme (University of Southern California)
5	Spring-Rod System Identification via Differentiable Physics Engine	KUN WANG (Rutgers University)*; Mridul Aanjaneya (Rutgers University); Kostas Bekris (Rutgers University)
6	Inverse articulated-body dynamics from video via variational sequential Monte Carlo	Dan Biderman (Columbia University)*; Christian A Naesseth (Columbia University); Luhuan Wu (Columbia University); Taiga Abe (Columbia University); Alice C. Mosberger (Columbia University); Leslie J. Sibener (Columbia University); Rui M. Costa (Columbia University); James Murray (University of Oregon); John Cunningham ()
7	DELUCA-Differentiable Control Library:Environments, Methods and Benchmarking	Paula Gradu (Princeton University, Google AI Princeton); John Hallman (Sisu Data Inc.); Daniel C Suo (Princeton University)*; Alex Yu (Google); Naman Agarwal (Google); Udaya Ghai (Princeton University); Karan Singh (Princeton University); Cyril Zhang (Princeton University); Anirudha Majumdar (Princeton University); Elad Hazan (Princeton University and Google AI Princeton)
8	System Level Differentiable Simulation of Radio Access Networks	Dmitriy Rivkin (Samsung Electronics)*
9	Learned Equivariant Rendering without Transformation Supervision	Cinjon Resnick (NYU)*; Or Litany (NVIDIA); Hugo Larochelle (Google); Joan Bruna (Courant Institute of Mathematical Sciences, NYU, USA); Kyunghyun Cho (New York University)
10	Semantic Adversarial Robustness with Differentiable Ray-Tracing	Rahul M V (Carnegie Mellon University)*; Eric Wong (MIT); Zico Kolter (Carnegie Mellon University)
11	Inverse Graphics GAN	Sebastian Lunz (University of Cambridge)*; Li Yingzhen (Microsoft Research Cambridge); Andrew W Fitzgibbon (Microsoft); Nate Kushman (Microsoft Research)
12	Differentiable Path Tracing by Regularizing Discontinuities	Peter Quinn (McGill University)*; Jérôme Parent-Lévesque (Université de Montréal); A. Cengiz Oztireli (University of Cambridge, Google); Derek Nowrouzezahrai (McGill University)
13	End-to-End Differentiable Learning to HDR Image Synthesis for Multi-exposure Images	Junghee Kim (Sogang University)*; Siyeong Lee (NAVER LABS); Suk-Ju Kang (Sogang University)
14	Differentiable Data Augmentation With Kornia	Jian Shi (CUHK)*; Edgar Riba (Computer Vision Center, Computer Science Department Universitat Autònoma de Barcelona Bellaterra (Barcelona)); Dmytro Mishkin (Czech Technical University in Prague); Francesc Moreno (IRI); Anguelos Nicolaou (Friedrich–Alexander University Erlangen–Nuremberg)
15	Blendshape-augmented Facial Action Units Detection	Zijun Cui (Rensselaer Polytechnic Institute)*; Qiang Ji (Rensselaer Polytechnic Institute)
16	Instance-wise Depth and Motion Learning from Monocular Videos	Seokju Lee (KAIST)*; Sunghoon Im (DGIST); Stephen Lin (Microsoft Research); In So Kweon (KAIST)
17	Tractable loss function and color image generation of multinary restricted Boltzmann machine	Juno Hwang (Seoul National University); Wonseok Hwang (Naver); Junghyo Jo (Seoul National University)*
18	End-to-End Differentiable 6DoF Object Pose Estimation with Local and Global Constraints	Anshul Gupta (Mercedes Benz Research and Development India); Joydeep Medhi (Mercedes-Benz Research and Development India)*; Aratrik Chattopadhyay (Mercedes-Benz Research and Development India); Vikram Gupta (Mercedes-Benz Research and Development India)
19	MSR-Net: Multi-Scale Relighting Network for One-to-One Relighting	Sourya Dipta Das (Jadavpur University)*; Nisarg A Shah (Indian Institite of Technology, Jodhpur); Saikat Dutta (IIT Madras)
20	Towards end-to-end training of proposal-based 3D human pose estimation	Daniel Abidemi Ajisafe (African Masters in Machine Intelligence)*; Helge Rhodin (UBC)