Pacific Institute *for the* Mathematical Sciences

bcdata

PIMS - BC Data Colloquium Series:

DR. ELDAD HABER

November 15, 2017
Lecture: 6:00pm
Networking Reception: 7:00pm

Mobify Vancouver
725 Granville St. #420
Vancouver, BC, V7Y 1C6

DEEP NEURAL NETWORKS MEET PARTIAL DIFFERENTIAL EQUATIONS

Dr. Eldad Haber
(University of British Columbia)

In this talk we will explore deep neural networks from a dynamical systems point of view. We will show that the learning problem can be cast as a path planning problem with PDE constraint.

This opens the door to conventional Computational techniques that can speed up the learning process and avoid some of the local minima.

Registration and Sign up:

PIMS, Mobify, UBC IAM, and bcdata, are pleased to offer this free event. For more information and sign-up (anyone interested in attending is required to sign up via the PIMS website), please visit the following webpage:
https://www.pims.math.ca/industrial-event/171115-pbdcseh

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