PAISE 2019

1st Workshop on Parallel AI and Systems for the Edge

http://bit.ly/PAISE2019

**Friday, 24 May 2019, Rio de Janeiro, Brazil**

Why PAISE?
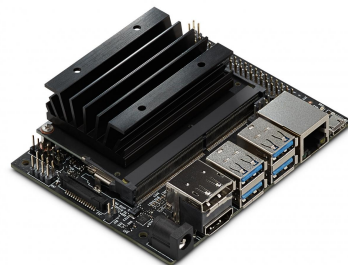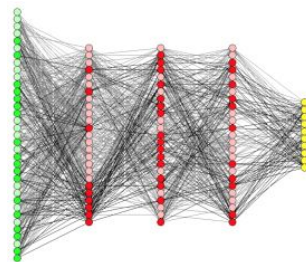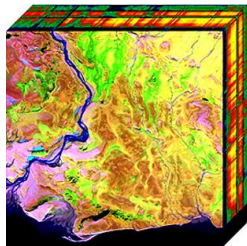
- Bring the community together in ***answering questions and exploring challenges in AI and ML applications in Edge Computing***.
- The goal of this workshop is to gather the community working in three broad areas:
  - **processing** — artificial intelligence, computer vision, machine learning;
  - **management** — parallel and distributed programming models for resource-constrained and domain-specific hardware, containers, remote resource management, runtime-system design, and cybersecurity; and
  - **hardware** — systems and devices conducive to use in resource-constrained (energy, space, etc.) applications.

Agenda: *http://bit.ly/PAISE2019*

- **Session 1:** *08:45 AM - 09:50 AM* (70 min) :
  - 2 talks
- *09:50 AM - 10:10 AM* **Coffee Break** (20 min)
- **Session 2:** *10:10 AM - 11:50 AM* (105 min)
  - 2 talks and Keynote
- *11:50 AM - 01:15 PM* **Lunch** (85 min)
- **Session 3:** *01:15 PM - 03:25 PM* (130 min)
  - Panel and 2 talks
- *03:25 PM - 03:45 PM* **Coffee Break** (20 min)
- **Session 4:** *03:45 PM - 05:20 PM* (95 min)
  - 3 talks and closing

Program Committee:

- 30 members, from across the world
- Across academia, research labs and industry.
- From PhD students to full time researchers and practitioners, with a wide background.

Submissions:

- 5 selected for workshop, each submitted paper received 3-4 reviews.

Program Committee:

- Prasanna Balaprakash, Argonne National Laboratory, USA
- Juan Pablo Bello, New York University, USA
- Cristiana Bentes, Universidade do Estado do Rio de Janeiro (UERJ), Brazil
- John Willian Branch Bedoya, Universidad Nacional de Colombia, Colombia
- Sergio Armando Gutiérrez Betancur, Universidad de Medellín, Colombia
- Kyle Bingman, Air Force Emerging Technologies Office, USAF, USA
- Charlie Catlett, Argonne National Laboratory, USA
- Peter Dinda, Northwestern University, USA
- Nicolas Erdody, Open Parallel, New Zealand
- Felipe M. G. França, Universidade Federal do Rio de Janeiro (UFRJ), Brazil
- Nicola Ferrier, University of Chicago, USA

Program Committee:

- Dennis Gannon, Indiana University Bloomington, USA
- Eric Van Hensbergen, ARM Research, USA
- Christine Kendrick, City Of Portland, USA
- Sandip Kundu, University of Massachusetts Amherst, USA
- Priscila Machado Vieira Lima, Universidade Federal do Rio de Janeiro, Brazil
- Henrik Madsen, Technical University of Denmark, Denmark
- Leandro Marzulo, Google LLC, USA
- Alan Mainwaring, Intel Corporation, USA
- Eric Matson, Purdue University, USA
- Sanjay Padhi, Amazon Web Services, USA
- Vivien Rivera, Northwestern University, USA

Program Committee:

- Koichi Shinoda, Tokyo Institute of Technology, Japan
- Michela Taufer, The University of Tennessee, Knoxville, USA
- German Sánchez Torres, Universidad del Magdalena, Colombia
- Jerry Trahan, Louisiana State University, USA
- Juan Rodrigo Sanz Uribe, National Coffee Research Center-Cenicafé, Colombia
- Sean Shahkarami, University of Chicago, USA
- Ramachandran Vaidyanathan, Louisiana State University, USA
- Kazutomo Yoshii, Argonne National Laboratory, USA

Special Thanks!

Panelists, Keynote & invited speakers and others…

- Ilkay Altıntaş
- Tal Ben-Nun
- Felipe M. G. França
- Sandip Kundu
- Radu Prodan
- Vaidy Ramachandran
- Brian C. Van Essen
- Chengxiang Yin

and Gail Pieper, for proof reading our submission...

And let us begin!