

ACM TRETS Best Paper Awards

The ACM Transactions on Reconfigurable Technology and Systems (TRETS) has awarded Best Paper Awards to the following papers:

2020

[VTR 8: High-performance CAD and Customizable FPGA Architecture Modelling](#)

Kevin E. Murray, Oleg Petelin, Sheng Zhong, Jia Min Wang, Mohamed Eldafrawy, Jean-Philippe Legault, Eugene Sha, Aaron G. Graham, Jean Wu, Matthew J. P. Walker, Hanqing Zeng, Panagiotis Patros, Jason Luu, Kenneth B. Kent and Vaughn Betz

2019

[FINN-R: An End-to-End Deep-Learning Framework for Fast Exploration of Quantized Neural Networks](#)

Michaela Blott, Thomas B. Preußer, Nicholas J. Fraser, Giulio Gambardella, Kenneth O'brien, Yaman Umuroglu, Miriam Leeser, Kees Vissers

2018

[General-Purpose Computing with Soft GPUs on FPGAs](#)

Muhammed Al Kadi, Benedikt Janssen, Jones Yudi and Michael Huebner

2017

[Hoplite: A Deflection-Routed Directional Torus NoC for FPGAs](#)

Nachiket Kapre and Jan Gray

2016

[Fine Grained Interconnect Synthesis](#)

Alex Rodionov, David Biancolin and Jonathn Rose.

2015

The Cibola Flight Experiment

Heather Quinn, Diane Roussel-Dupre, Mike Caffrey, Paul Graham, Michael Wirthlin, Keith Morgan, Anthony Salazar, Tony Nelson, Will Howes, Eric Johnson, Jon Johnson, Brian Pratt, Nathan Rollins and Jim Krone

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