

Group Name	Title	Ref.
<b>May 30th 8:30-14:00</b>		
Califano-DeMaio	PipeDream: Generalized Pipeline Parallelism for DNN Training	<a href="https://doi.org/10.1145/3341301.3359646">https://doi.org/10.1145/3341301.3359646</a>
Gianluigi Memoli	Connecting the web with the web of things: lessons learned from implementing a CoAP-HTTP proxy	<a href="http://dx.doi.org/10.1109/MASS.2012.6708525">http://dx.doi.org/10.1109/MASS.2012.6708525</a>
Penna	FlexPS: Flexible Parallelism Control in Parameter Server Architecture	<a href="https://doi.org/10.1145/3187009.3177734">https://doi.org/10.1145/3187009.3177734</a>
LIBPAKIOT	Internet of things: Architectures, protocols, and applications	<a href="https://doi.org/10.1155/2017/9324035">https://doi.org/10.1155/2017/9324035</a>
Gruppo Federated Learning	Federated Learning: Strategies for Improving Communication Efficiency	<a href="https://arxiv.org/abs/1610.05492">https://arxiv.org/abs/1610.05492</a>
Mutual Inclusion	Semi-supervised classification with graph convolutional networks	<a href="https://arxiv.org/abs/1609.02907">https://arxiv.org/abs/1609.02907</a>
Pizza Team	A Survey of Communication Protocols for Internet of Things and Related Challenges of Fog and Cloud Computing Integration	<a href="https://doi.org/10.1145/3292674">https://doi.org/10.1145/3292674</a>
Data Dream Team	A Performance Evaluation of Federated Learning Algorithms	<a href="https://doi.org/10.1145/3286490.3286559">https://doi.org/10.1145/3286490.3286559</a>
<b>May 31th 8:30-14:00</b>		
Melkia	Middleware for IoT-Cloud Integration Across Application Domains	<a href="https://doi.org/10.1109/MDAT.2014.2314602">https://doi.org/10.1109/MDAT.2014.2314602</a>
UniSec	Lucky thirteen: Breaking the TLS and DTLS record protocols.	<a href="https://doi.org/10.1109/SP.2013.42">https://doi.org/10.1109/SP.2013.42</a>
DiPasqualeMonzillo	Complex Network Analysis using Parallel Approximate Motif Counting	<a href="https://doi.org/10.1109/IPDPS.2014.50">https://doi.org/10.1109/IPDPS.2014.50</a>
Me, Myself and I	SeBS: A Serverless Benchmark Suite for Function-as-a-Service Computing	<a href="https://doi.org/10.1145/3464298.3476133">https://doi.org/10.1145/3464298.3476133</a>
Vitale-Cerciello	Multi-column deep neural network for traffic sign classification	<a href="https://doi.org/10.1016/j.neunet.2012.02.023">https://doi.org/10.1016/j.neunet.2012.02.023</a>
GarofaloAdinolfiArdovino	Parallel hypergraph partitioning for scientific computing	<a href="https://doi.org/10.1109/IPDPS.2006.1639359">https://doi.org/10.1109/IPDPS.2006.1639359</a>
The Solo Journey	Web Performance Evaluation for Internet of Things Applications	<a href="https://doi.org/10.1109/ACCESS.2016.2615181">https://doi.org/10.1109/ACCESS.2016.2615181</a>
Gruppo Leone	Debunking the 100X GPU vs. CPU myth: an evaluation of throughput computing on CPU and GPU	<a href="https://doi.org/10.1145/1815961.1816021">https://doi.org/10.1145/1815961.1816021</a>
<b>June 7th 8:30-14:00</b>		
GNU/Kefir	ChainerMN: Scalable Distributed Deep Learning Framework	<a href="https://doi.org/10.48550/arXiv.1710.11351">https://doi.org/10.48550/arXiv.1710.11351</a>
Group 1.2.3 (Final)	Authentication for the web of things: Secure end-to-end authentication between CoAP and HTTP	<a href="https://doi.org/10.1109/PIMRC.2017.8292352">https://doi.org/10.1109/PIMRC.2017.8292352</a>
Bilovus	Performance evaluation of WebSocket protocol for implementation of full-duplex web streams	<a href="https://doi.org/10.1109/MIPRO.2014.6859715">https://doi.org/10.1109/MIPRO.2014.6859715</a>
YM	Fog computing and its role in the internet of things	<a href="http://dx.doi.org/10.1145/2342509.2342513">http://dx.doi.org/10.1145/2342509.2342513</a>
Gioacchino Tortorelli	Active Access: A Mechanism for High-Performance Distributed Data-Centric Computations	<a href="https://doi.org/10.1145/2751205.2751219">https://doi.org/10.1145/2751205.2751219</a>
Santangelo	Horovod: fast and easy distributed deep learning in TensorFlow	<a href="https://arxiv.org/abs/1802.05799">https://arxiv.org/abs/1802.05799</a>
iRagazzi	Chimera: Efficiently Training Large-Scale Neural Networks with Bidirectional Pipelines	<a href="https://doi.org/10.1145/3458817.3476145">https://doi.org/10.1145/3458817.3476145</a>
Nuvola	A Disruption-Tolerant RESTful Support for the Web of Things	<a href="https://doi.org/10.1109/FiCloud.2016.11">https://doi.org/10.1109/FiCloud.2016.11</a>
<b>Coffee break 14:00-14:30</b>		
Lorenzo&Lorenzo	Middleware solutions in WSN: The IoT oriented approach in the ICSI project	<a href="https://doi.org/10.1109/SoftCOM.2013.6671886">https://doi.org/10.1109/SoftCOM.2013.6671886</a>
The New Revolution Cloud Ranger	The importance of a standard security architecture for SOA-based iot middleware	<a href="https://doi.org/10.1109/MCOM.2015.7355580">https://doi.org/10.1109/MCOM.2015.7355580</a>
Solo(Serverless)	Performance analysis of communication protocols for internet of things platforms	<a href="http://dx.doi.org/10.1109/ColComCon.2017.8088198">http://dx.doi.org/10.1109/ColComCon.2017.8088198</a>
Taranum	Choice of effective messaging protocols for IoT systems: MQTT, CoAP, AMQP and HTTP	<a href="http://dx.doi.org/10.1109/SysEng.2017.8088251">http://dx.doi.org/10.1109/SysEng.2017.8088251</a>
UNISArverless	Communication-avoiding parallel minimum cuts and connected components	<a href="https://doi.org/10.48550/arXiv.2205.09702">https://doi.org/10.48550/arXiv.2205.09702</a>
MegaBeat	Communication-Efficient Jaccard similarity for High-Performance Distributed Genome Comparisons	<a href="https://doi.ieeecomputersociety.org/10.1109/IPDPS47924.2020.00118">https://doi.ieeecomputersociety.org/10.1109/IPDPS47924.2020.00118</a>