

Workshop on Machine Learning on Low-Power Devices: Applications and Advanced Topics | (SMR 3926)

06 May 2024 - 10 May 2024
Virtual, Italy

4 Directors

1. PLANCHER Brian Kyle	(Online)	Columbia University Barnard College	United States of America
2. REDDI Vijay Janapa	(Online)	Harvard University	United States of America
3. ROVAI Marcelo Jose	(Online)	UNIFEI IESTI	Brazil
4. ZENNARO Marco	(In Pers.)	ICTP	Italy

9 Speakers

1. BAGUR NAJERA Jose Antonio	(Online)	Universidad del Valle de Guatemala Mechanical Engineering Department	Guatemala
2. CUARTIELLES RUIZ David Joaquin	(Online)	Malmö University K3 School of Arts	Sweden
3. GOUSEV Evgeni	(Online)	tinyML Foundation	United States of America
4. HYMEL Shawn Randall	(Online)	Edge Impulse	United States of America
5. IODICE Gian Marco	(Online)	ARM	Italy
6. MENDEZ CHAVES Diego	(Online)	Pontificia Universidad Javeriana Electronics Engineering Department	Colombia
7. MICELI Claudio	(Online)	Universidade Federal do Rio de Janeiro	Brazil
8. PAN Eric Hao	(Online)	Seed Studio	China
9. RÜB Marcus	(Online)	Hahn-Schickard-Gesellschaft für angewandte Forschung e.V.	Germany

179 Participants

1. ABADADE Youssef	(Online)	System Engineering Laboratory, National School Of Applied Sciences, Ibn Tofail University of Kenitra	Morocco
2. ABOLADE Jeremiah Oluniyi	(Online)	Bowen University Department of Electrical and Electronic Engineering	Nigeria
3. ABOUELKHIR Nour Eddine	(Online)	University Mohammed V LPHE-Modeling and Simulation	Morocco
4. ACHARYA Vadiraja	(Online)	PES University	India
5. ACHIESU Marque-Emmanuel Yao	(Online)	Kwame Nkrumah University of Science and Technology	Ghana
6. ACHLADIANAKIS Minas	(Online)	University of Crete Department of Applied Mathematics	Greece
7. ADEBAYO Segun	(Online)	Bowen University College of Agriculture, Engineering and Sciences Mechatronics Engineering Programme	Nigeria
8. ADENIYI Abidemi Emmanuel	(Online)	Bowen University College of Computing and Communication Studies Department of Computer Science	Nigeria
9. AFIFY Aliaa Abdelnasser Madbouly	(Online)	New Brunswick University Physics Department	Canada
10. AHAD Md Atiqur Rahman	(Online)	University of East London Dept. of Computer Science and Digital Technologies	United Kingdom of Great Britain an
11. AKIBU Joshua Oluwasina	(Online)	-	Nigeria
12. AKINNUBI Rufus Temidayo	(Online)	Adeyemi Federal University Of Education Department of Physics	Nigeria
13. AKMEEMANA Gayan	(Online)	Department of Physics, Faculty of Science, University of Colombo	Sri Lanka
14. ALBORNOZ Marcelo Roque	(Online)	Facultad Regional Tucumán Universidad Tecnológica Nacional	Argentina
15. ALDANA AGUILAR Josue Romeo	(Online)	Don Bosco University	El Salvador
16. ALIYU Nasiru	(Online)	Centre for Basic Space Science and Astronomy National Space Research and Development Agency	Nigeria
17. ALJUBOORI Abbas Fadhil Mohammed Ali	(Online)	AlShaab University - College of Engineering and Information Technology	Iraq

18.	ALVANAKI Elisavet Lydia	(Online)	NTUA	Greece
19.	ÁLVAREZ HUEZO Luis Eduardo	(Online)	Universidad Don Bosco Engeenering Faculty Electronic School	El Salvador
20.	ANANE Maissa	(Online)	University of Science and Technology Houari Boumediene Artificial Intelligence and Data Science Department	Algeria
21.	ANGARITA QUINTANILLA David Emmanuel	(Online)	Universidad Pontificia Bolivariana, Seccional Bucaramanga, Electronics Engineering	Colombia
22.	AOUEILEYINE Mohamed	(Online)	Higher School of Communication of Tunis	Tunisia
23.	ARCINIEGAS AGUIRRE Stalin Marcelo	(Online)	Pontificia Universidad Católica del Ecuador	Ecuador
24.	ARENAS FORERO Brayan Alexis	(Online)	Universidad Pontificia Bolivariana seccional Bucaramanga Facultad de Ingeniería Eléctrica y Electrónica	Colombia
25.	ASHFAQ Rukhseena	(Online)	COMSATS University Islamabad	Pakistan
26.	ASHRAFIFARD Mohammad	(Online)	Nuclear Science and Technology Research Institute	Iran (Islamic Republic of)
27.	ASRES Georgies Alene	(Online)	Addis Ababa Institute of Technology (Addis Ababa University) Center for Materials Engineering	Ethiopia
28.	AWORINDE Halleluyah Oluwatobi	(Online)	Bowen University College of Computing and Communication Studies Computer Science Department	Nigeria
29.	BABALOLA Oluwaseun John	(Online)	Bowen University, Iwo. Faculty of Engineering, Department of Electrical/Electronic Engineering Computing and Analytics Research Group	Nigeria
30.	BAJAGAIN Kumar	(Online)	Tribhuvan University Central Department of Physics	Nepal
31.	BALCÁRCEL DE PAZ José Rodolfo	(Online)	Universidad del Valle de Guatemala Faculty Mechanical Engineering	Guatemala
32.	BAQUIAX CABALLEROS Josue Felipe	(Online)	Universidad del Valle de Guatemala Mechanical Engineering Department	Guatemala
33.	BARCO GASPAS Alan Xavier	(Online)	-	Ecuador
34.	BAWEJA Samanpreet Kaur	(Online)	Department of Soil and Water Engineering, Punjab Agricultural University	India
35.	BENABOUD Hafssa	(Online)	Mohammed V University IPSS (Intelegant Processing and Security of Systems)	Morocco
36.	BENAMAR Nabil	(Online)	Moulay Ismail University Departement of Computer Sciences	Morocco
37.	BENKADOUR Hamza	(Online)	University of Constantine 1 Department of Physics Laboratory of Mathematical and Subatomic Physics	Algeria
38.	BHANDARI Saroj	(Online)	-	Nepal
39.	BHUSAL Pujan	(Online)	School of Mathematical Sciences, Institute of Science and Technology, Tribhuvan University	Nepal
40.	BHUTTA Ahmed Areeb	(Online)	Department of Computer Science, Information Technology University	Pakistan
41.	BOUSSELMI Souhir	(Online)	University of Carthage National Engineering School of Carthage Research Laboratory Smart Electricity & ICT	Tunisia
42.	BULAN Agudo Jejomar	(Online)	Physics Department EARTH Lab	Philippines
43.	CABRA LOPEZ Jose Luis	(Online)	Fundación Universitaria Compensar	Colombia
44.	CAMACHO CABALLERO Luis	(Online)	Pontificia Universidad Catolica de Peru Engineering Faculty	Peru
45.	CANELLA AVELAR Artur	(Online)	Universidade Federal de Minas Gerais School of Veterinary	Brazil
46.	CAPOGROSSO Luigi	(Online)	University of Verona Department of Engineering for Innovation Medicine	Italy
47.	CARBAJALES Rodrigo José	(Online)	Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS	Italy
48.	CASTRO ABDALLAH Gustavo Pablo	(Online)	National University of Rafaela Digital Transformation Laboratory	Argentina
49.	CATALANO Nicolas Esteban	(Online)	Instituto Balseiro	Argentina
50.	COGOLLO OLIVO Beatriz Helena	(Online)	Universidad de Cartagena Applied Math Institute	Colombia
51.	COLANGELI Pierluigi	(Online)	Lualtek srl	Italy
52.	CRIOLLO BONILLA Ronald Raul	(Online)	Escuela Superior Politécnica del Litoral Faculty of Electrical and Computer Engineering	Ecuador
53.	DAHIMA Yash	(Online)	-	India

54.	DAMDINSUREN Bolortuya	(Online)	National University of Mongolia Nuclear Research Center	Mongolia
55.	DARMAWAN Dimas Faisal	(Online)	-	Indonesia
56.	DAS Saptashaw	(Online)	Bennett University Department of Physics	India
57.	DAVARPANAHI Afshin	(Online)	-	Iran (Islamic Republic of)
58.	DAVE Rasesh Janardanbhai	(Online)	ITER-India Institute for Plasma Research	India
59.	DELENDI Yazid	(Online)	University of Batna-1 Laboratory of Physics of Radiation and their Interactions with Matter	Algeria
60.	DE SOUZA FARIAS Tiago	(Online)	Federal University of São Carlos Physics Department Group of Quantum Computing	Brazil
61.	DESSAP FOMEKONG Loic Joffree	(Online)	ENSICAEN- National Graduate School of Engineering and Research Center of Caen	France
62.	DEVI Anjna	(Online)	Department of Physics, Himachal Pradesh University Shimla.	India
63.	DHAMMAGE Deshitha Chamikara	(Online)	University of Colombo Department of Physics	Sri Lanka
64.	DIARAH Reuben Samuel	(Online)	Bowen University Electrical / Electronic Engineering	Nigeria
65.	DRAZ Umar	(Online)	-	Pakistan
66.	DUARTE DE MENEZES Frederico	(Online)	Federal Institute of Education Science and Technology of Pernambuco, Recife Campus Coordination of Mechanical Engineering	Brazil
67.	DURRANI Fasih Ullah Khan	(Online)	University of the Punjab Department of Computer Science Cyberintelligence Lab	Pakistan
68.	EL ALAOUI Bouchra	(Online)	Mohammed V University Department of Physics LPHE-Modeling and Simulation	Morocco
69.	ELLIS Jeremy Miller	(Online)	Mission Secondary School School District 75	Canada
70.	ESTRADA PERAZA Eduardo Alonso	(Online)	-	El Salvador
71.	FARGI Abdelaali	(Online)	Higher institute of Applied Mathematics and Informatics of Kairouan	Tunisia
72.	FAROOQ Muhammadaashir	(Online)	International Islamic University Islamabad - FBAS Department of Physics	Pakistan
73.	FOLORUNSO Sakinat Oluwabukonla	(Online)	Olabisi Onabanjo University Mathematical Sciences Department	Nigeria
74.	FRIMPONG Akwasi Asante	(Online)	Komfo Anokye Teaching Hospital Department of Oncology	Ghana
75.	GARAY Carlos Exequiel	(Online)	CIASUR (Center for Upper Atmospheric Research and Radiopropagation)	Argentina
76.	GEBREMICHAEL Zekarias Teklu	(Online)	Friedrich Schiller University Jena Center for Energy and Environmental Chemistry Jena (CEEC Jena)	Germany
77.	GHIMIRE Aatiz	(Online)	Tribhuvan University Central Department of Physics Advanced Material Research Laboratory	Nepal
78.	GIAZITZIS Spyridon	(Online)	Politecnico di Milano	Italy
79.	GIRI Siman	(Online)	Herald College (Partner Campus of University of Wolverhampton), Department of IT.	Nepal
80.	GIRI Subash	(Online)	Tribhuvan University Central Department of Physics	Nepal
81.	GIRÓN Josué Gerardo	(Online)	-	El Salvador
82.	GONZALEZ Rafael Pedro	(Online)	Universidad Galileo, FISICC, Electronics laboratory.	Guatemala
83.	GUDIÑO PACHA Paul Mauricio	(Online)	Escuela Superior Politécnica del Litoral	Ecuador
84.	HITIMANA Jean Pierre	(Online)	University of Rwanda College of Science and Technology	Rwanda
85.	HOQUE Md Jiabul	(Online)	Chittagong University of Engineering and Technology (CUET) Department of Electronics and Telecommunication Engineering	Bangladesh
86.	HURTADO Roberto Hassan Haid	(Online)	Utp Biomedical	Peru
87.	IQBAL Muhammad Azeem	(Online)	Government College University Faisalabad Physics department	Pakistan
88.	IZADI VISHKAYI Sahar	(Online)	Institute for Research in Fundamental Sciences (IPM) School of Physics	Iran (Islamic Republic of)
89.	JALAN Muskan	(Online)	Central department of physics, Tribhuvan University	Nepal
90.	KALEZHI Josephat	(Online)	The Copperbelt University School of Information and Communication Technology	Zambia

91.	KARBALAI GHOMI Rayhanealsadat	(Online)	Danieli	Italy
92.	KASSIE Ewnetu Abebe	(Online)	Kotebe University of Education (KUE) Department of Mathematics	Ethiopia
93.	KAUR Opinder	(Online)	Punjab Agricultural University Department of Mathematics, Statistics and Physics	India
94.	KAYO Styve Arnoi	(Online)	National Centre for Development of Technologies	Cameroon
95.	KAZIMIERSKI Laila Daniela	(Online)	Centro Atómico Bariloche	Argentina
96.	KHUMALO Daisy	(Online)	University of Zimbabwe Department of Computer Engineering	Zimbabwe
97.	KIESSLING DURAN Roberto Anibal	(Online)	Universidad Nacional de San Luis F.Cie.Fis.Mat.Y Naturales	Argentina
98.	KRITO Jauza Akbar	(Online)	-	Indonesia
99.	KUHAMBA Timothy Kudzanayi	(Online)	Zimbabwe National Geospatial and Space Agency	Zimbabwe
100.	KUSUMA Gina	(Online)	National Research and Innovation Agency of the Republic of Indonesia	Indonesia
101.	LAMBERT LAMAZARES Brenda	(Online)	Institute for Research in Applied Mathematics and Systems (IIMAS) National Autonomous University of Mexico (UNAM)	Mexico
102.	LOPEZ Fernando Luis	(Online)	-	Colombia
103.	LOPEZ SOTELO Jesus Alfonso	(Online)	Universidad Autonoma de Occidente Facultad de Ingenieria	Colombia
104.	LOPRESTI Raul Eduardo	(Online)	Mar del Plata National University Department of Electronics Chaotic Systems Laboratory	Argentina
105.	LUKOYANOV Alexey	(Online)	Ural Branch of Russian Academy of Sciences (IMP UB RAS) M.N. Mikheev Institute of Metal Physics Laboratory of Metal Optics	Russian Federation
106.	MAHDIAN Danial	(Online)	K. N. Toosi University of Technology	Iran (Islamic Republic of)
107.	MAMBONGO Winston Juwao	(Online)	Zimbabwe Centre For Higher Performance Computing	Zimbabwe
108.	MANANDHAR Prashant	(Online)	-	United States of America
109.	MANDEEP SINGH	(Online)	Islamic University of Science and Technology Department of Physics	India
110.	MARIMO Tatenda Goremusandu Shadreck	(Online)	Zimbabwe National Geospatial and Space Agency Space Operations and Launch Services Department	Zimbabwe
111.	MATIZAKURIMA Cmatizakurima Courage	(Online)	Zimbabwe National Geospatial and Space Agency (ZINGSA)	Zimbabwe
112.	MATSIYA Brian	(Online)	University of Zimbabwe	Zimbabwe
113.	MEZA MOLINA Robin Isaac	(Online)	Don Bosco University	El Salvador
114.	MEZA RODRIGUEZ Moises Stevend	(Online)	Cayetano Heredia Peruvian University	Peru
115.	MOHAMED Samir Moustafa Soliman Mahmoud	(Online)	University of Vienna Faculty of Computer Science Theory, Algorithms and it's Application Group	Austria
116.	MOHAMMED Amjed	(Online)	-	Germany
117.	MONTOYA MARTÍNEZ Javier Antonio	(Online)	Universidad de Cartagena	Colombia
118.	MORADI Mona	(Online)	Islamic Azad University	Iran (Islamic Republic of)
119.	MORALES GARCIA Maria Fernanda	(Online)	Universidad del Valle de Guatemala Departamento de Ingeniería Electrónica, Mecatrónica y Biomédica	Guatemala
120.	MORENO SEGURA Oscar Antonio	(Online)	-	Costa Rica
121.	MOUMNI Mustapha	(Online)	University of Batna1 Laboratory of Physics of Radiations and their Interactions with Matter (LPRIM)	Algeria
122.	MPOFU Makhosi Prince	(Online)	Zimbabwe Geospatial and Space Agency (ZINGSA) Engineering and Space Science Departments	Zimbabwe
123.	MTAMBISI Edmond	(Online)	-	Zimbabwe
124.	NAMUGENYI Ephrance Eunice	(Online)	Makerere University Department of Computer Networks	Uganda
125.	NAWOYA Sarah	(Online)	Makerere University College of Design, Art and Technology Department of Electrical and Computer Engineering	Uganda
126.	NHUTA Shingirai Maudy	(Online)	-	Zimbabwe
127.	NIGAM Shantanu	(Online)	Indian Institute of Technology Delhi Department of Physics School of Public Policy	India

128.	NINGSIH Rahmatia Firliyani	(Online)	National Research and Innovation Agency, Research Organization of Nuclear Energy, Research Center for Nuclear Beam Analytics Technology, Laboratory of Photon Radiation Technology	Indonesia
129.	NISA Mehr Un	(Online)	Information Technology University Department of Computer Science	Pakistan
130.	NKAGUE NKAMBA Leontine	(Online)	University of Ebolowa Department of Mathematics	Cameroon
131.	NYAUPANE Dipraj	(Online)	Tribhuvan University Central Department Of Physics	Nepal
132.	OGBUKA Cosmas Uchenna	(Online)	University of Nigeria Department of Electrical Engineering	Nigeria
133.	OGUNDOYIN Sunday Oyinlola	(Online)	Bowen Univeristy Electrical and Electronic Engineering Programme	Nigeria
134.	OLABODE Olatubosun	(Online)	The Federal University of Technology Department of Information System/Computer Science AI/Data Science Lab	Nigeria
135.	OLORUNFEMI Blessing Oluwatobi	(Online)	Redeemer's University Department of Computer Science	Nigeria
136.	ORDOÑEZ Jhon	(Online)	University of Delaware	United States of America
137.	ORENCIA Teofilo Frey	(Online)	Benguet State University College of Information Sciences Department of Information Technology	Philippines
138.	OUJERTNI Achraf	(Online)	-	Algeria
139.	OYEWALE Christianah Titilope	(Online)	Mohammed VI Polytechnic University (UM6P)	Morocco
140.	PALACIOS LAZO Jim Steven	(Online)	Instituto Politécnico Nacional - DISRyM, Esime AZc	Mexico
141.	PANWAR Deepak	(Online)	Bennett University, Department of Physics	India
142.	PARVEEN Aqsa	(Online)	-	Pakistan
143.	PHUNG Cheng Fei	(Online)	-	Malaysia
144.	PRAMANIK Prithviraj	(Online)	Discovery Partners Institute Argonne National Laboratory	United States of America
145.	QUINTANILLA CASTRO Kevin Francisco	(Online)	Universidad Don Bosco	El Salvador
146.	QUINTERO RIASCOS Vanessa Alexandra	(Online)	Instituto de física del litoral, IFIS-CONICET	Argentina
147.	QUISPE ALVARADO Jhoel Andres	(Online)	Instituto Balseiro	Argentina
148.	RABEHI Abdelaziz	(Online)	Djelfa University of Algeria	Algeria
149.	RAHICHE Abderrahmane	(Online)	Ecole de Technologie Supérieure	Canada
150.	REGMI Nabin	(Online)	Central Department of physics	Nepal
151.	REGMI Subash	(Online)	Central department of physics , tribhuvan university	Nepal
152.	RICHARD Roman	(Online)	Technological Institute of the Philippines Computer Engineering Department	Philippines
153.	ROY Sudipta	(Online)	National Institute of Technology Agartala Department of Physics	India
154.	RUGE RUGE Ilber Adonayt	(Online)	Universidad Pedagógica y Tecnológica de Colombia Escuela de Ingeniería Electrónica	Colombia
155.	SAHBANI Abdelaziz	(Online)	Faculty of Sciences of Bizerte	Tunisia
156.	SALAZAR Albin	(Online)	University of Konstanz Centre for the Advanced Study of Collective Behaviour	Germany
157.	SHAH Parin Jatinkumar	(Online)	-	India
158.	SHALEVA Irena Stanislavova	(Online)	Software University	United Arab Emirates
159.	SHAMS Fatima	(Online)	National Institute of Lasers and Optronics (NILOP) - PAEC	Pakistan
160.	SHANMUGAM Srinivasan	(Online)	Presidency College	India
161.	SINGLA Chetan	(Online)	Punjab Agricultural University, Ludhiana	India
162.	SINHA Neelu	(Online)	Fairleigh Dickinson University Department of Mathematics and Computer Science	United States of America
163.	SOTELO LOPEZ Silvia Alejandra	(Online)	Universidad Pontificia Bolivariana	Colombia
164.	SUAREZ GOMEZ Andres David	(Online)	Universidad Nacional Abierta y a Distancia - UNAD Ingeniería Electrónica, CEAD	Colombia
165.	TAKEMBO NTAHKIE Clovis	(Online)	University of Buea College of Technology	Cameroon
166.	TAM CUI Lucy Carolina	(Online)	Universidad del Valle de Guatemala Departamento de Ingeniería Electrónica, Mecatrónica y Biomédica	Guatemala
167.	TANG Jialu	(Online)	Eindhoven University of Technology Industrial Design	Netherlands (Kingdom of the)

168.	TARDÓS IBARRA Javier	(Online)	Vicomtech	Spain
169.	TCHAHOU TCHENDJEU Achille Ecladore	(Online)	The University of Bamenda Department of Electrical and Electronic Engineering	Cameroon
170.	TCHENEHON MOTCHEYO Herman	(Online)	University of Yaounde 1 Department of Computer Science	Cameroon
171.	TEKA Gebru Hailemariam	(Online)	Bio and Emerging Technology Institute Materials Science and Engineering Directorate	Ethiopia
172.	TUKADIYA Namratiben Arjan	(Online)	University of Baroda Department of Physics	India
173.	VIJAY Yogesh Kumar	(Online)	IIS Deemed to be University, Jaipur	India
174.	VILLALOBOS VILLALOBOS Hairo	(Online)	National University of Costa Rica Vulcanological and Seismological Observatory of Costa Rica	Costa Rica
175.	WADHAWAN Disha	(Online)	University of Delhi St. Stephen's College	India
176.	WAKHOLI Billy Boniface	(Online)	The Copperbelt University School of Information Technology	Zambia
177.	YAHYA Waheed Babatunde	(Online)	University of Ilorin, Faculty of Physical Sciences, Department of Statistics, Ilorin, Nigeria	Nigeria
178.	ZAREI GHOBADI Mohadeseh	(Online)	Alborz University of Medical Sciences	Iran (Islamic Republic of)
179.	ZOUGMORE Teeg-Wende Gildas	(Online)	Ecole Supérieure d'Informatique de l'université NAZI BONI , Ex UPB	Burkina Faso