

KM3NeT Author List for ICRC 2019

S. Aiello^a, F. Ameli^b, M. Andre^c, G. Androulakis^d, M. Anghinolfi^e,
G. Anton^f, M. Ardid^g, J. Aublin^h, C. Bagatelas^d, G. Barbarino^{ij}, B. Baret^h,
S. Basegmez du Pree^k, A. Belias^d, E. Berbee^k, A.M. van den Berg^l,
V. Bertin^m, V. van Beveren^k, S. Biagiⁿ, A. Biagioni^b, S. Bianucci^o,
M. Billault^m, M. Bissinger^f, R. de Boer^k, J. Boumaaza^p, S. Bourret^h,
M. Bouta^q, M. Bouwhuis^k, C. Bozza^r, H.Brânzaș^s, M.M. Briel^{k,t},
M. Bruchner^f, R. Bruijn^{k,t}, J. Brunner^m, E. Buis^u, R. Buompane^{i,v},
J. Busto^m, G. Cacapardoⁿ, L. Caillat^m, C. Caliⁿ, D. Calvo^w, A. Capone^{x,b},
S. Celli^{x,b,ax}, M. Chabab^y, N. Chau^h, S. Cherubini^{n,z}, V. Chiarella^{aa},
T. Chiarusi^{ab}, M. Circella^{ac}, R. Cocimanoⁿ, J. A. B. Coelho^h, A. Coleiro^w,
M. Colomer Molla^{h,w}, S. Colonges^h, R. Coniglioneⁿ, A. Cosquer^m,
P. Coyle^m, A. Creusot^h, G. Cuttoneⁿ, C. D'Amatoⁿ, A. D'Amico^k,
A. D'Onofrio^{i,v}, R. Dallier^{ad}, M. De Palma^{ac,ae}, C. De Sio^r, I. Di Palma^{x,b},
A. F. Díaz^{af}, D. Diego-Tortosa^g, C. Distefanoⁿ, A. Domi^{e,m,ag}, R. Donà^{ab,ah},
C. Donzaud^h, L. van Dooren^u, D. Dornic^m, M. Dörr^{ai}, M. Durocher^{n,ax},
T. Eberl^f, T. van Eeden^k, I. El Bojaddaini^q, H. Eljarrari^p, D. Elsaesser^{ai},
A. Enzenhöfer^m, P. Fermani^{x,b}, G. Ferrara^{n,z}, M. D. Filipović^{aj},
L. A. Fusco^h, D. Gajanana^k, T. Gal^f, A. Garcia Soto^k, F. Garuffi^{ij},
L. Gialanella^{i,v}, E. Giorgioⁿ, A. Giuliante^{ak}, S. R. Gozzini^w, R. Gracia^f,
K. Graf^f, D. Grasso^o, T. Grégoire^h, G. Grella^r, A. Grimaldi^a, A. Grmekⁿ,
D. Guderian^{av}, M. Guerzoni^{ab}, C. Guidi^{e,ag}, S. Hallmann^f, H. Hamdaoui^p,
H. van Haren^{al}, A. Heijboer^k, A. Hekalo^{ai}, S. Henry^m,
J. J. Hernández-Rey^w, J. Hofestädt^f, F. Huang^{am}, E. Huesca Santiago^k,
G. Illuminati^w, C. W. James^{an}, P. Jansweijer^k, M. Jongen^k, M. de Jong^k,
P. de Jong^{k,t}, M. Kadler^{ai}, P. Kalaczyński^{ao}, O. Kalekin^f, U. F. Katz^f,
F. Kayzel^k, P. Keller^m, N. R. Khan Chowdhury^w, F. van der Knaap^u,
E. N. Koffeman^{k,t}, P. Kooijman^{t,az}, J. Koopstra^k, A. Kouchner^{h,ap},
M. Kreter^{ba}, V. Kulikovskiy^e, Meghna K. K.^{ao}, R. Lahmann^f, P. Lamare^m,
G. Larosaⁿ, J. Laurence^m, R. Le Breton^h, F. Leone^{n,z}, E. Leonora^a,
G. Levi^{ab,ah}, F. Librizzi^a, M. Lincetto^m, P. Litricoⁿ, C. D. Llorens Alvarez^g,
A. Lonardo^b, F. Longhitano^a, D. Lopez-Coto^{aq}, G. Maggi^m, J. Mańczak^w,
K. Mannheim^{ai}, A. Margiotta^{ab,ah}, A. Marinelli^{ar,o}, C. Markou^d,
L. Martin^{ad}, J. A. Martínez-Mora^g, A. Martini^{aa}, F. Marzaioli^{i,v}, R. Mele^{ij},
K. W. Melis^k, P. Migliozziⁱ, E. Mignecoⁿ, P. Mijakowski^{ao}, L. S. Miranda^{as},
C. M. Molloⁱ, M. Mongelli^{ac}, M. Morganti^{o,bb}, M. Moser^f, A. Moussa^q,

R. Muller^k, P. Musico^e, M. Musumeciⁿ, L. Nauta^k, S. Navas^{aq},
C. A. Nicolau^b, C. Nielsen^h, B. Ó Fearraigh^{k,t}, M. Organokov^{am},
A. Orlandoⁿ, V. Panagopoulos^d, G. Pancaldi^{ab}, G. Papalashvili^{at},
R. Papaleoⁿ, C. Pastore^{ac}, G. E. Pāvāļs^s, G. Pellegrini^{ab}, C. Pellegrino^{ah,bc},
M. Perrin-Terrin^m, P. Piattelliⁿ, K. Pikounis^d, O. Pisanti^{i,j}, C. Poirè^g,
G. Polydefki^d, V. Popa^s, M. Post^t, T. Pradier^{am}, G. Pühlhofer^{au},
S. Pulvirentiⁿ, L. Quinn^m, F. Raffaelli^o, N. Randazzo^a, A. Rapticavoli^z,
S. Razzaque^{as}, D. Real^w, S. Reck^f, J. Reubelt^f, G. Riccobeneⁿ,
L. Rigalleau^{ad}, G. Rizza^a, R. Roccoⁱ, A. Rovelliⁿ, J. Royon^m, M. Salemi^a,
I. Salvadori^m, D. F. E. Samtleben^{k,av}, A. Sánchez Losa^{ac}, M. Sanguineti^{e,ag},
A. Santangelo^{au}, D. Santonocitoⁿ, P. Sapienzaⁿ, J. Schmelling^k, V. Sciaccaⁿ,
D. Sciliberto^a, J. Seneca^k, I. Sgura^{ac}, R. Shanidze^{at}, A. Sharma^{ar},
F. Simeone^b, A. Sinopoulou^d, B. Spisso^{r,i}, M. Spurio^{ab,ah}, D. Stavropoulos^d,
J. Steijger^k, S. M. Stellacci^{r,i}, B. Strandberg^k, D. Stransky^f, T. Stüven^f,
M. Taiuti^{e,ag}, Y. Tayalati^p, E. Tenllado^{aq}, D. Tézier^m, T. Thakore^w,
S. Theraube^m, P. Timmer^k, S. Tingay^{an}, A. Trovatoⁿ, S. Tsagkli^d,
E. Tzamariudaki^d, D. Tzanetatos^d, C. Valieri^{ab}, V. Van Elewyck^{h,ap},
F. Versari^{ab,ah}, S. Violaⁿ, D. Vivolo^{i,j}, G. de Wasseige^h, J. Wilms^{aw},
R. Wojaczyński^{ao}, E. de Wolf^{k,t}, D. Zaborov^{m,bd}, A. Zegarelli^{x,b},
J. D. Zornoza^w, J. Zúñiga^w

^aINFN, Sezione di Catania, Via Santa Sofia 64, Catania, 95123 Italy

^bINFN, Sezione di Roma, Piazzale Aldo Moro 2, Roma, 00185 Italy

^cUniversitat Politècnica de Catalunya, Laboratori d'Aplicacions Bioacústiques, Centre Tecnològic de Vilanova i la Geltrú, Avda. Rambla Exposició, s/n, Vilanova i la Geltrú, 08800 Spain

^dNCSR Demokritos, Institute of Nuclear and Particle Physics, Ag. Paraskevi Attikis, Athens, 15310 Greece

^eINFN, Sezione di Genova, Via Dodecaneso 33, Genova, 16146 Italy

^fFriedrich-Alexander-Universität Erlangen-Nürnberg, Erlangen Centre for Astroparticle Physics, Erwin-Rommel-Straße 1, 91058 Erlangen, Germany

^gUniversitat Politècnica de València, Instituto de Investigación para la Gestión Integrada de las Zonas Costeras, C/ Paranimf, 1, Gandía, 46730 Spain

^hAPC, Université Paris Diderot, CNRS/IN2P3, CEA/IRFU, Observatoire de Paris, Sorbonne Paris Cité, 75205 Paris, France

ⁱINFN, Sezione di Napoli, Complesso Universitario di Monte S. Angelo, Via Cintia ed. G, Napoli, 80126 Italy

^jUniversità di Napoli "Federico II", Dip. Scienze Fisiche "E. Pancini", Complesso Universitario di Monte S. Angelo, Via Cintia ed. G, Napoli, 80126 Italy

^kNikhef, National Institute for Subatomic Physics, PO Box 41882, Amsterdam, 1009 DB Netherlands

- ^lKVI-CART University of Groningen, Groningen, the Netherlands
- ^mAix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France
- ⁿINFN, Laboratori Nazionali del Sud, Via S. Sofia 62, Catania, 95123 Italy
- ^oINFN, Sezione di Pisa, Largo Bruno Pontecorvo 3, Pisa, 56127 Italy
- ^pUniversity Mohammed V in Rabat, Faculty of Sciences, 4 av. Ibn Battouta, B.P. 1014, R.P. 10000 Rabat, Morocco
- ^qUniversity Mohammed I, Faculty of Sciences, BV Mohammed VI, B.P. 717, R.P. 60000 Oujda, Morocco
- ^rUniversità di Salerno e INFN Gruppo Collegato di Salerno, Dipartimento di Fisica, Via Giovanni Paolo II 132, Fisciano, 84084 Italy
- ^sISS, Atomistilor 409, Măgurele, RO-077125 Romania
- ^tUniversity of Amsterdam, Institute of Physics/IHEF, PO Box 94216, Amsterdam, 1090 GE Netherlands
- ^uTNO, Technical Sciences, PO Box 155, Delft, 2600 AD Netherlands
- ^vUniversità degli Studi della Campania "Luigi Vanvitelli", Dipartimento di Matematica e Fisica, viale Lincoln 5, Caserta, 81100 Italy
- ^wIFIC - Instituto de Física Corpuscular (CSIC - Universitat de València), c/Catedrático José Beltrán, 2, 46980 Paterna, Valencia, Spain
- ^xUniversità La Sapienza, Dipartimento di Fisica, Piazzale Aldo Moro 2, Roma, 00185 Italy
- ^yCadi Ayyad University, Physics Department, Faculty of Science Semlalia, Av. My Abdellah, P.O.B. 2390, Marrakech, 40000 Morocco
- ^zUniversità di Catania, Dipartimento di Fisica e Astronomia, Via Santa Sofia 64, Catania, 95123 Italy
- ^{aa}INFN, LNF, Via Enrico Fermi, 40, Frascati, 00044 Italy
- ^{ab}INFN, Sezione di Bologna, v.le C. Berti-Pichat, 6/2, Bologna, 40127 Italy
- ^{ac}INFN, Sezione di Bari, Via Amendola 173, Bari, 70126 Italy
- ^{ad}Subatech, IMT Atlantique, IN2P3-CNRS, Université de Nantes, 4 rue Alfred Kastler - La Chantrerie, Nantes, BP 20722 44307 France
- ^{ae}University of Bari, Via Amendola 173, Bari, 70126 Italy
- ^{af}University of Granada, Dept. of Computer Architecture and Technology/CITIC, 18071 Granada, Spain
- ^{ag}Università di Genova, Via Dodecaneso 33, Genova, 16146 Italy
- ^{ah}Università di Bologna, Dipartimento di Fisica e Astronomia, v.le C. Berti-Pichat, 6/2, Bologna, 40127 Italy
- ^{ai}University Würzburg, Emil-Fischer-Straße 31, Würzburg, 97074 Germany
- ^{aj}Western Sydney University, School of Computing, Engineering and Mathematics, Locked Bag 1797, Penrith, NSW 2751 Australia
- ^{ak}Università di Pisa, DIMNP, Via Diotisalvi 2, Pisa, 56122 Italy
- ^{al}NIOZ (Royal Netherlands Institute for Sea Research) and Utrecht University, PO Box 59, Den Burg, Texel, 1790 AB, the Netherlands
- ^{am}Université de Strasbourg, CNRS, IPHC, 23 rue du Loess, Strasbourg, 67037 France
- ^{an}Curtin University, Curtin Institute of Radio Astronomy, GPO Box U1987, Perth, WA 6845 Australia
- ^{ao}National Centre for Nuclear Research, 02-093 Warsaw, Poland

- ^{ap}*Institut Universitaire de France, 1 rue Descartes, Paris, 75005 France*
- ^{aq}*University of Granada, Dpto. de Física Teórica y del Cosmos & C.A.F.P.E., 18071
Granada, Spain*
- ^{ar}*Università di Pisa, Dipartimento di Fisica, Largo Bruno Pontecorvo 3, Pisa, 56127
Italy*
- ^{as}*University of Johannesburg, Department Physics, PO Box 524, Auckland Park, 2006
South Africa*
- ^{at}*Tbilisi State University, Department of Physics, 3, Chavchavadze Ave., Tbilisi, 0179
Georgia*
- ^{au}*Eberhard Karls Universität Tübingen, Institut für Astronomie und Astrophysik, Sand
1, Tübingen, 72076 Germany*
- ^{av}*Leiden University, Leiden Institute of Physics, PO Box 9504, Leiden, 2300 RA
Netherlands*
- ^{aw}*Friedrich-Alexander-Universität Erlangen-Nürnberg, Remeis Sternwarte,
Sternwartstraße 7, 96049 Bamberg, Germany*
- ^{ax}*Gran Sasso Science Institute, GSSI, Viale Francesco Crispi 7, L'Aquila, 67100 Italy*
- ^{ay}*University of Münster, Institut für Kernphysik, Wilhelm-Klemm-Str. 9, Münster,
48149 Germany*
- ^{az}*Utrecht University, Department of Physics and Astronomy, PO Box 80000, Utrecht,
3508 TA Netherlands*
- ^{ba}*North-West University, Centre for Space Research, Private Bag X6001, Potchefstroom,
2520 South Africa*
- ^{bb}*Accademia Navale di Livorno, Viale Italia 72, Livorno, 57100 Italy*
- ^{bc}*INFN, CNAF, v.le C. Berti-Pichat, 6/2, Bologna, 40127 Italy*
- ^{bd}*NRC "Kurchatov Institute", A.I. Alikhanov Institute for Theoretical and Experimental
Physics, Bolshaya Cheremushkinskaya ulitsa 25, Moscow, 117218 Russia*
-
-

1. Acknowledgements

The authors acknowledge the financial support of the funding agencies: Agence Nationale de la Recherche (contract ANR-15-CE31-0020), Centre National de la Recherche Scientifique (CNRS), Commission Européenne (FEDER fund and Marie Curie Program), Institut Universitaire de France (IUF), IdEx program and UnivEarthS Labex program at Sorbonne Paris Cité (ANR-10-LABX-0023 and ANR-11-IDEX-0005-02), Paris Île-de-France Region, France; Shota Rustaveli National Science Foundation of Georgia (SRNSFG, FR-18-1268), Georgia; Deutsche Forschungsgemeinschaft (DFG), Germany; The General Secretariat of Research and Technology (GSRT), Greece; Istituto Nazionale di Fisica Nucleare (INFN), Ministero dell’Istruzione, dell’Università e della Ricerca (MIUR), PRIN 2017 program (Grant NAT-NET 2017W4HA7S) Italy; Ministry of Higher Education, Scientific Research and Professional Training, Morocco; Nederlandse organisatie voor Wetenschappelijk Onderzoek (NWO), the Netherlands; The National Science Centre, Poland (2015/18/E/ST2/00758); National Authority for Scientific Research (ANCS), Romania; Plan Estatal de Investigación (refs. FPA2015-65150-C3-1-P, -2-P and -3-P, (MINECO/FEDER)), Severo Ochoa Centre of Excellence program (MINECO), Red Consolider MultiDark, (ref. FPA2017-90566-REDC, MINECO) and Prometeo and Grisolia programs (Generalitat Valenciana), “la Caixa” Foundation (ID 100010434) through the fellowship LCF/BQ/IN17/11620019, and the European Union’s Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement no. 713673, Spain.