

| Date | Time | Session Number | Location | Type (Presentation Nr) | Names of presenters/authors | Title of poster session or symposia | Presentation Title |
|--------------------------|-----------------------|----------------|---|-----------------------------|--|---|---|
| Wed 20 Nov | 10:00 am – 3:00 pm | - | National Harbor 4 (National Harbor Level) | Presentation (767) | Diana N. Omoke , Ezekiel Mugendi, Eric Ochomo, Mathew Kipsum, Samson Otieno, Edward Esalimba, Mili Sheth, Audrey Lenhart, Nsa Dada | Young Investigator Award Session E | Bacterial composition differs between permethrin-susceptible and -resistant <i>Anopheles gambiae sensu stricto</i> in a site with intense pyrethroid resistance in western Kenya |
| Wed – Sat 20 – 23 Nov | Exhibition hours | - | Prince George's Exhibit Hall D | Booth (111) | James Logan, Robert Jones, Frederik Seelig/Chris Rice, Alex Hiscox, Sarah Dewhirst | Exhibit Hall | The Global Vector Hub/ARCTEC |
| Wed – Sat 20 – 23 Nov | Exhibition hours | - | Prince George's Exhibit Hall D | Booth (413) | Marit Farenhorst, Anne Osinga, Marius de Waard | Exhibit Hall | In2Care Exhibition booth: showcasing In2Care® Mosquito Traps for Dengue vector control & In2Care® EaveTubes for malaria vector control |
| Wed – Sat 20 – 23 Nov | Exhibition hours | - | Prince George's Exhibit Hall D | Booth (536) | Hor Kor Pheng, Herbert Nyberg | Exhibit Hall | New Mountain International featuring Sirenix solar powered, acoustic control autocidal ovitrap and Larvasonic (r) Cistern Float |
| Thu 21 Nov | 8:00 am - 9:45 am | 4 | Maryland C (Ballroom Level) | Symposium Presentation (17) | Meshesha Balkew | Malaria Vectors and Vector Control | The Distribution and Insecticide Resistance Status of <i>Anopheles Stephensi</i> in Eastern Ethiopia |
| Thu 21 Nov | 8:00 am - 9:45 am | 4 | Maryland C (Ballroom Level) | Symposium Presentation (19) | Molly Robertson , Joe Wagman, Rose Zulliger, Abuchahama Saifodine,3 Baltazar Candrinho,4 Jason Richardson, Larry Slutsker, Carlos Chaccour, Francisco Saute | Malaria Vectors and Vector Control | The cost of measuring impact: RCT trial methodologies for vector control |

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| Thu 21 Nov | 12:00 pm - 1:45 pm | 26 | Prince George's Exhibit Hall D | Poster (395) | May Me Thet , Ye Kyaw Aung, Sochea Phok, Si Thu Thein | Poster Session A | Polyester or Polyethylene? Differences in LLIN use driven by fabric types in Cambodia and Myanmar |
| Thu 21 Nov | 12:00 pm - 1:45 pm | 26 | Prince George's Exhibit Hall D | Poster (399) | Jacky Raharinjatovo , Nambinisoa Mauricette Andriamananjara, Gilbert Randrianandrasana, Laurent Kapesa; Jocelyn Razafindrakoto, Jemima Andriamihamina, Sarah Baum, Ramiandrisoa Hasina Harinjaka, Mikael Randriamanjaka, Fanjanirina Randrianarivony, Morgan Brown | Poster Session A | Efficacy of continuous bed net distribution to maintain high coverage after a mass distribution campaign in Madagascar, 2017 |
| Thu 21 Nov | 12:00 pm - 1:45 pm | 26 | Prince George's Exhibit Hall D | Poster (447) | Ye Kyaw Aung , May Me Thet, Sochea Phok, Si Thu Thein | Poster Session A | Localized variations in LLIN use in Myanmar and Cambodia |
| Thu 21 Nov | 12:00 pm - 1:45 pm | 26 | Prince George's Exhibit Hall D | Poster (LB- 5028) | Jackline Martin , Charles Kakila, Karen Nelwin, Safari M. Kinung'hi, Eric Lyimo, Doris Mangula, Lucy Bernard, Dismas Mwalimu, Naomi Serbantez, George Greer, Kristen George, Mubita Lifwatila, Alphaxard Manjurano, Ssanyu Nyinondi | Poster Session A | Evaluation of the residual effectiveness of clothianidin for the control of pyrethroid resistant malaria vectors in Lake Zone regions, Tanzania |
| Thu 21 Nov | 12:00 pm - 1:45 pm | 26 | Prince George's Exhibit Hall D | Poster (LB- 5147) | Baltazar Candrinho , Abraham Mnzava, Eva de Carvalho, Rose Zulliger, Molly Robertson | Poster Session A | Vector control response post cyclone in Mozambique |
| Thu 21 Nov | 12:15 pm - 1:45 pm | - | TBD | Side-meeting | Seth Irish | VCWG LLIN Priorities | PMI Standard Operating Procedures |

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| Thu 21 Nov | 12:15 pm - 1:45 pm | - | TBD | Side-meeting | Sarah Moore (via Zoom) | VCWG LLIN Priorities | Methods for durability testing of new active ingredients on insecticidal nets |
| Thu 21 Nov | 12:15 pm - 1:45 pm | - | TBD | Side-meeting | Rosemary Lees | VCWG LLIN Priorities | Selecting suitable strains for method development |
| Thu 21 Nov | 12:15 pm - 1:45 pm | - | TBD | Side-meeting | Harparkash Kaur | VCWG LLIN Priorities | Colorimetric assay for pyrethroids |
| Thu 21 Nov | 4:00 pm – 5:45 pm | 42 | Maryland B (Ballroom Level) | Symposium presentation | Manuel Hetzel , on behalf of the CARAMAL Project team | Severe Malaria: Reducing Deaths by Improving Quality of Care | The epidemiological and health system challenges of severe malaria cases in remote, high-burden setting: Lessons from DR Congo, Nigeria and Uganda |
| Thu 21 Nov | 4:00 pm - 5:45 pm | 43 | Maryland C (Ballroom Level) | Symposium presentation | Pedro Alonso , Jean Bapstiste Yaro (clinical data), Antoine Sanou (entomological data), Federica Guglielmo (ethnographic data), Tom Churcher (modeling and conclusions) | Prioritizing High Burden Settings for High Impact: A Case Study From Malaria Control in Burkina Faso | High burden to high impact: WHO's targeted malaria response |
| Thu 21 Nov | 4:00 pm - 5:45 pm | 49 | National Harbor 3 (National Harbor Level) | Symposium presentation | Tan Cheong Huat | Wolbachia for the Biocontrol of Aedes aegypti Mosquitoes and Medically Important Arboviral Diseases | Project Wolbachia – Singapore: A new tool for the control of Aedes aegypti in Singapore |
| Fri 22 Nov | 12:00 pm - 1:45 pm | 77 | Prince George's Exhibit Hall D | Poster (750) | Herbert Nyberg | Poster Session B | Sublethal acoustic tracheal rupture provides novel insights of larval mosquito respiration, contradicting the classical theory of obligate metabolic gas exchange via the siphon |

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| Fri 22 Nov | 12:00 pm - 1:45 pm | 77 | Prince George's Exhibit Hall D | Poster (767) | Diana N. Omoke , Ezekiel Mugendi, Eric Ochomo, Mathew Kipsum, Samson Otieno, Edward Esalimba, Mili Sheth, Audrey Lenhart, Nsa Dada | Poster Session B | Bacterial composition differs between permethrin-susceptible and -resistant <i>Anopheles gambiae sensu stricto</i> in a site with intense pyrethroid resistance in western Kenya |
| Fri 22 Nov | 12:00 pm - 1:45 pm | 77 | Prince George's Exhibit Hall D | Poster (773) | Evelyne Sampe Alyko | Poster Session B | Susceptibility of <i>Anopheles gambiae</i> s.l. to insecticides in Sierra Leone |
| Fri 22 Nov | 12:00 pm - 1:45 pm | 77 | Prince George's Exhibit Hall D | Poster (779) | Ibrahima Baber, Agnes Nador | Poster Session B | Preliminary entomological findings from routine monitoring of malaria vector population in four sentinel sites in Liberia, West Africa |
| Fri 22 Nov | 12:00 pm - 1:45 pm | 77 | Prince George's Exhibit Hall D | Poster (782) | Filémon T. Tokponnon , Razaki Ossè, Monica Patton, Jean Fortuné Dagnon, Cyriaque Dossou Affoukou, Arsène J.H.Y. Fassinou, Côme Z. Koukpo, Alexis Tchévoéde, Aurore Ogouyemi- Hounto, Dorothée Kinde Gazard, Martin Akogbeto ² | Poster Session B | Entomological malaria transmission profile across Benin departments: an essential element for better planning of vector control interventions. |
| Fri 22 Nov | 12:00 pm - 1:45 pm | 77 | Prince George's Exhibit Hall D | Poster (783) | Filémon T. Tokponnon , Richard Dossou-Yovo , Virgile Capo Chichi, Monica E. Patton, Pio Aboubacary, Jean Fortune Dagnon, Joseph Satondji, Sèdjro Dieudonné Eclou, Narcisse Agbessi, Boukary Lathifa, Augustin Kpemasse, Cyriaque Dossou Affoukou, Aurore Hounto Ogouyèmi | Poster Session B | Contribution of insecticide treated mosquito nets distribution in primary schools in maintaining household coverage, Atlantic Department, Benin, 2018. |
| Fri 22 Nov | 12:00 pm - 1:45 pm | 77 | Prince George's Exhibit Hall D | Poster (1067) | Moussa Cisse | Poster Session B | One Year of Monitoring Physical Durability of Long-Lasting Insecticidal Nets in Mali |

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| Fri 22 Nov | 12:00 pm - 1:45 pm | 77 | Prince George's Exhibit Hall D | Poster (1070) | Virgile Gnanguenon | Poster Session B | Vector Surveillance for Evidence-based Decision Making in Malaria Vector Control in Burundi |
| Fri 22 Nov | 12:00 pm - 1:45 pm | 77 | Prince George's Exhibit Hall D | Poster (1075) | Michael Okia | Poster Session B | Insecticide Susceptibility Status of <i>Anopheles gambiae</i> s.l. and <i>An. funestus</i> s.l. to Public Health Insecticides from Sentinel Site Surveys in Uganda |
| Fri 22 Nov | 12:00 pm - 1:45 pm | 77 | Prince George's Exhibit Hall D | Poster (1077) | Si Thu Thein , Ye Kyaw Aung, Aye Aye Myint, Feliciano Monti, Than Htike Win, Phyu Khine Thet, Sean Blaufuss, Hannah Koenker, Albert Kilian, Aung Thi | Poster Session B | Physical and insecticidal durability of PermaNet 2.0 and DawaPlus 2.0 LLIN after 36 months in the field: findings from a cohort study in Myanmar |
| Fri 22 Nov | 12:00 pm - 1:45 pm | 77 | Prince George's Exhibit Hall D | Poster (LB- 5317) | Jose Franco Martins , Hunter Harig, Hannah Koenker, Bolanle Olapeju, Eliane Mbounga, Ricardo Yava, Anya Fedorova, Benjamin Nieto-Andrade | Poster Session B | Assessing mosquito net population access and use 2 years after a universal distribution campaign in Angola |
| Fri 22 Nov | 12:00 pm - 1:45 pm | 77 | Prince George's Exhibit Hall D | Poster (LB- 5318) | Marit Farenhorst , Matthew B. Thomas, Eleanore D. Sternberg, Jackie Cook, Raphael N'Guessan | Poster Session B | A Phase III Cluster Randomized Controlled Trial of In2CareEaveTubes as a new malaria vector control intervention in an area with intense pyrethroid resistance |
| Fri 22 Nov | 12:00 pm - 1:45 pm | 77 | Prince George's Exhibit Hall D | Poster (LB- 5323) | Alexia Mshambala | Poster Session B | Feasibility of Door-to-Door Mobile Data Collection for Indoor Residual Spray (IRS) Operations Decision Making |
| Sat 23 Nov | 12:00 pm - 1:45 pm | 131 | Prince George's Exhibit Hall D | Poster (1450) | Mathurin Fatou , Steven N. Fry and Pie Müller | Poster Session C | Behavioral interaction of mosquitoes with topical repellents: a 3D flight trajectory analysis |

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| Sat 23 Nov | 12:00 pm - 1:45 pm | 131 | Prince George's Exhibit Hall D | Poster (1454) | Laura Vavassori , Ann-Christin Honnen, Adam Saddler and Pie Müller | Poster Session C | Dispersal and population dynamics of the Asian tiger mosquito |
| Sat 23 Nov | 12:00 pm - 1:45 pm | 131 | Prince George's Exhibit Hall D | Poster (1726) | Moussa Cisse | Poster Session C | One Year of Monitoring Insecticidal Durability of Long-Lasting Insecticidal Nets in Mali |
| Sat 23 Nov | 12:00 pm - 1:45 pm | 131 | Prince George's Exhibit Hall D | Poster (1733) | Godwin Fuseini , Raul Ncogo Nguema, Wonder P. Phiri, Olivier Tresor Donfack, Carlos Cortes, Michael E. von Fricken, Jacob Meyers, Immo Kleinschmidt, Guillermo A. Garcia, Carl Maas, Christopher Schwabe, Michel Slotman | Poster Session C | Increased Biting Rate of Insecticide-Resistant Culex Mosquitoes and Community Adherence to IRS for Malaria Control in Urban Malabo, Bioko Island, Equatorial Guinea |
| Sat 23 Nov | 12:00 pm - 1:45 pm | 131 | Prince George's Exhibit Hall D | Poster (1735) | Joseph Wagman , Aklilu Seyoum, Stephen Magesa, Kenyssonny Varela, Rodaly Muthoni, Christelle Gogue, Kenzie Tynuv, Carlos Chaccour, Francisco Saute, Rose Zulliger, Abuchahama Saifodine, Candrinho Baltazar, Jason Richardson, Christen Fornadel | Poster Session C | A Good Spray: Entomological Surveillance Results from a Cluster Randomized trial to Evaluate the Impact of a Third Generation Indoor Residual Spray Product on Malaria transmission in Mozambique |
| Sat 23 Nov | 12:00 pm - 1:45 pm | 131 | Prince George's Exhibit Hall D | Poster (1737) | Carlos Chaccour , Rose Zulliger, Joe Wagman, Aina Casellas, Abuchahama Saifodine, Baltazar Candrinho, Jason Richardson, Molly Robertson, Francisco | Poster Session C | Combining LLINs with third generation-IRS provides significant added protection compared to LLINs alone in children under five years of age in a high-transmission area of Mozambique |
| Sat 23 Nov | 12:00 pm - 1:45 pm | 131 | Prince George's Exhibit Hall D | Poster (1738) | Rose Zulliger , Sergi Alonso, Carlos J Chaccour, Baltazar Candrinho, Joe Wagman, Abuchahama Saifodine, Molly Robertson, Francisco Saute | Poster Session C | Cost and Cost-effectiveness of combining LLINs with third-generation IRS in a high transmission area of Mozambique |

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| Sat 23 Nov | 12:00 pm - 1:45 pm | 131 | Prince George's Exhibit Hall D | Poster (1739) | Sylvester Coleman | Poster Session C | Efficacy of Sumishield® 50WG for Indoor Residual Spraying and Susceptibility of <i>An. gambiae</i> s.l. to Clothianidin in Northern Ghana |
| Sat 23 Nov | 12:00 pm - 1:45 pm | 131 | Prince George's Exhibit Hall D | Poster (4490) | TBD (PMI VectorLink) | Poster Session C | Entomological Monitoring of Malaria Vector Control Interventions in Eleven Sentinel Sites Across Five Districts in Malawi |
| Sat 23 Nov | 12:00 pm - 1:45 pm | 131 | Prince George's Exhibit Hall D | Poster (LB- 5395) | Abebe A. Fola , Eline Kattenberg, Zahra Razook, Raksmei Keo, Cristian Koepfli, Dulcie Lautu, Stuart Lee, Somya Mehra, Melanie Bahlo, Manuel Hetzel, Ivo Mueller, Alyssa E. Barry | Poster Session C | Genomic insights into Plasmodium vivax transmission dynamics, the impact of control efforts and sources of rebound |
| Sat 23 Nov | 12:00 pm - 1:45 pm | 131 | Prince George's Exhibit Hall D | Poster (LB- 5495) | Eldo Elobolobo , Binete Savaio, Amilcar Nacima, Christelle Gogue, Molly Robertson, Carlos Chaccour, Francisco Saúte, Amilcar Magaço | Poster Session C | Challenges implementing mobile phone-based data collection in Mopeia, Mozambique |
| Sat 23 Nov | 12:00 pm - 1:45 pm | 131 | Prince George's Exhibit Hall D | Poster (LB- 5498) | Molly Robertson , Baltazar Candrinho, Yacouba Savadogo, Adama Gansane, N'Falé Sagnon, Moussa Guelbeogo, Aimable Mbituyumuremyi, Emmanuel Hakizimana, Chantal Ingabire, Joseph Wagman, Christelle Gogue, Kenzie Tynuv, Peder Digre, Christen Fornadel, Hilary Ranson, Federica Guglielmo, Patrick Okello, Kate Kolaczinski, Laurence Slutsker | Poster Session C | Methodology of observational analyses to evaluate the impact of new nets distributions in Burkina Faso, Mozambique, Rwanda, and beyond |

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| Sat 23 Nov | 12:00 pm - 1:45 pm | 131 | Prince George's Exhibit Hall D | Poster (LB- 5499) | Joshua Yukich , Sara Scates, Luc Boydens, Emmanuel Ubachukwu Obi Onyefunafoa, Mariandrea Chamorro, Ben Johns, Seydou Fomba, Keziah L. Malm, Nicky Moran, Lena Kolyada, Baltazar Candrinho, Rodaly Muthoni, Jimmy Opigo, Catherine Maiteki-Sebuguzi, Damian Rutazaana, Josephat Shililu, Emmanuel Kooma, Nduka Iwuchukwu, Anna Winters, Annie Martin, Peder Digre, Joseph Wagman, Molly Robertson | Poster Session C | Cost and cost-effectiveness of third-generation indoor residual spraying in sub-Saharan Africa: Results of data collection and analysis in the Next Generation IRS project |
| Sat 23 Nov | 12:15 pm - 1:30 pm | 133 | National Harbor 3 (National Harbor Level) | Symposium presentation (LB-5536) | Alyssa E. Barry , Dulcie Lautu, Zahra Razook, Tamarah Koleala, Elma Nate, Manuel Hetzel, Ivo Mueller, Leo Makita, Moses Laman, Leanne Robinson | Late-Breakers in Malaria | Red Flag or False Alarm? Molecular markers of <i>Plasmodium falciparum</i> artemisinin resistance in Papua New Guinea |
| Sat 23 Nov | 1:45 pm - 3:30 pm | 137 | Maryland C (Ballroom Level) | Symposium presentation (1893) | Olivo Miotto , Makoto Sekihara, Shin-Ichiro Tachibana, Masato Yamauchi, Mie Ikeda, Toshiyuki Mori, Makoto Hirai, Richard D. Pearson, Roberto Amato, Sonia Morgado Gonçalves, Rintis Noviyanti, Jutta Marfurt, Sarah Auburn, Ric Price, Ivo Mueller, Alyssa Barry, Moses Laman, Livingstone Tavul, Manuel Hetzel, Pascal Ringwald, Jun Ohashi, Francis Hombhanje, Dominic Kwiatkowski, Toshihiro Mita | Malaria: New Drugs and New Insights on Old Drugs | Emergence of artemisinin-resistant <i>Plasmodium falciparum</i> with kelch13 C580Y mutations in Papua New Guinea |
| Sat 23 Nov | 1:45 pm - 3:30 pm | 144 | National Harbor 3 (National Harbor Level) | Symposium presentation (1912) | Natalie Lissenden | Mosquitoes: Insecticide Resistance and Control I | Exploring the effects of next-generation nets on highly pyrethroid-resistant <i>An. coluzzii</i> mosquitoes using benchtop behavior assays |

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| | | | Harbor Level) | | | | |
| Sat 23 Nov | 1:45 pm - 3:30 pm | 144 | National Harbor 3 (National Harbor Level) | Symposium presentation (1915) | Sylvester Coleman | Mosquitoes: Insecticide Resistance and Control I | Feeding and Resting Behavior of <i>An. gambiae</i> s.l. in Areas Getting Indoor Residual Spraying for Malaria Vector Control and Areas Not Sprayed in Northern Ghana |