



Sinapsis

ENCUENTRO DE CIENTÍFICOS PERUANOS

Preliminary Program - Sinapsis 2024

Düsseldorf - Thursday, July 18th, 2024

Time	Activity
08:30 to 09:15	Registration
09:15 to 09:40	Network / Coffee & Meet
09:40 to 10:00	Mr. Augusto Arzubiaga Scheuch - Opening remarks Ambassador of Peru to the Federal Republic of Germany
	<i>Session 1</i> <i>Chair : Carla Palomino Durand</i>
10:00 to 10:30	Insights session Dr. Juan Carlos Bazo University College London (United Kingdom) Dr. Mev Dominguez Valentín Institute for Cancer Research, Oslo University Hospital (Norway) <i>MentEx: mentores en el exterior formando investigadores en universidades peruanas, un programa nacido en Sinapsis</i>
10:30 to 10:45	M.Sc. Raúl Gonzáles Córdova Universidad de São Paulo/Universidad de Barcelona (Brazil/Spain) <i>Trypanosoma cruzi infection induces DNA double-strand breaks and activates DNA damage response pathway in host epithelial cells</i>
10:45 to 11:00	M.Sc. Estefania Torrejon Navarro Nova Medical School (Portugal) <i>Gut derived extracellular vesicles interacting with Kupffer cells: An alternative route for lipid transport and deposition in the liver</i>
11:00 to 11:30	Icebreaking Activity & Coffee break
	<i>Session 2</i> <i>Chair : Ener Salinas</i>
11:30 to 11:50	Dr. José Ordonez-Miranda - Invited speaker National Center for Scientific France Research CNRS (France) <i>Enhanced far-field thermal radiation through a polaritonic waveguide</i>
11:50 to 12:05	Dr. Edison Moreno Cardenas Universitat Politecnica de Valencia (Spain) <i>Alternativas económicas para la prestación de servicios URLLC y mMTC sobre una red 5G.</i>

12:05 to 12:20 **B.Sc. Marcos Pérez Moran**
University of Aveiro (Portugal)
Assessing the impact of extreme temperature events on PM10 and PM2.5 concentrations in Portugal and Peru

12:20 to 12:35 **Group photo**

12:35 to 14:05 **Lunch Break**

Session 3

Chair : Abel Alcázar Román

14:05 to 14:35 **Dr. Eckhard W. Heymann - Keynote speaker**
Leibniz-Institut für Primatenforschung (Germany)
40 años de investigación científica en la Amazonía peruana – conocimientos, experiencias y lecciones

14:35 to 14:50 **Elevator pitch session**

14:50 to 15:20 **Coffee break / Poster session**

15:20 to 15:35 **Sinapsis 2024 Organizing Committee- Opening remarks**
Presenting from Arequipa

Session 4

Chair : Edilberto Medina

15:35 to 16:05 **Prof. Pohl Milon - Keynote speaker**
Universidad Peruana de Ciencias Aplicadas (Peru)
Coupling structural and kinetic studies to unveil novel mechanisms of ribosome inhibition
Presenting from Arequipa

16:05 to 16:25 **Dr. Orlando Macedo - Invited speaker**
Universidad Nacional de San Agustín de Arequipa (Peru)
The European scientific cooperation and volcanic risk reduction in Arequipa
Presenting from Arequipa

16:25 to 16:40 **Dr. Luis Zapana Churata**
Universidad de Alicante (Spain)
Water poverty in cities of the Global North and South: The case of Alicante (Spain) and Arequipa (Peru)
Presenting from Düsseldorf

16:40 to 16:55 **M.Sc. Diana Villanueva Quispe**
Universidad Nacional de San Agustín de Arequipa (Peru)
Análisis de la capacidad de biosorción del alginato de sodio en la remoción de arsénico del Río Tambo, Arequipa, Perú
Presenting from Arequipa

16:55 to 17:10 **Dr. Antonio Lazarte Rivera**
Universidad Nacional de San Agustín de Arequipa (Peru)
Sistema de biotratamiento para la recuperación de metales de residuos electrónicos (RAEE) mediante consorcios microbianos lixiviantes
Presenting from Arequipa

17:10 to 17:40 **Coffee break (Arequipa) / Poster session (Düsseldorf)**

Session 5

Chair : Alex Cuadros

17:40 to 18:00 **Dr. William Ipanaqué - Invited speaker**
Universidad de Piura (Peru)
Experiencias de Agro 4.0 en el norte de Piura y Latinoamérica
Presenting from Arequipa

18:00 to 18:10 **Dr. Alonso Quintanilla Pérez-Wicht - Special remarks**
Rector - Universidad Católica San Pablo (Peru)
Presenting from Arequipa

18:10 to 19:10 **Informative session – Peru & Europe: Networking & Oportunities**

Max Ramirez

ProCiencia (Peru)
Presenting from Lima

Christine Arndt

Centro de Competencia para la Cooperación Científica Internacional
América del Norte, Central y del Sur
Servicio Alemán de Intercambio Académico DAAD (Germany)
Presenting from Bonn

Dr. Dietrich Halm

Director de relaciones científicas con los países latinoamericanos
Fundación Alemana de Investigación Científica DFG (Germany)
Presenting from Düsseldorf

19:10 to 19:20 **Closing remarks (Düsseldorf)**



Sinapsis

ENCUENTRO DE CIENTÍFICOS PERUANOS

Preliminary Program - Sinapsis 2024

Düsseldorf - Friday, July 19th, 2024

Time	Activity
08:30 to 09:00	Registration
09:00 to 09:10	Important information & updates
	<i>Session 1</i>
	<i>Chair : Thais Huarancca Reyes</i>
09:10 to 09:40	Prof. Laura De Gara - Keynote speaker Università Campus Bio-Medico di Roma (Italy) <i>Plant Biodiversity: from the challenges of climate change to the valorization of ethnobotany</i>
09:40 to 09:55	M.Sc. Joshua Castro Camacho University of Fribourg (Switzerland) <i>Mapping one decade of land cover variation in the south Peruvian Andes</i>
09:55 to 10:10	Dr. Ysabel Huacallo Aguilar Helmholtz Zentrum Dresden-Rossendorf (Germany) <i>Efficient micropollutant mineralization from aqueous matrices by hydrodynamic cavitation combined with ozone</i>
10:10 to 10:25	Dr. Juan Dávalos CSIC-Instituto Blas Cabrera-Madrid (Spain) <i>Mercurio: Un singular contaminante global</i>
10:25 to 10:40	Elevator pitch session
10:40 to 11:10	Coffee break / Poster session
	<i>Session 2</i>
	<i>Chair : Kevin Contreras</i>
11:10 to 11:30	Prof. Arturo Tejada Ruiz - Invited speaker Eindhoven University of Technology (Netherlands) <i>Towards a methodology to assess competent driving in automated (driving) vehicles</i>
11:30 to 12:00	Dr. Biljana Stojkowska - Keynote speaker BP (United Kingdom) <i>A bright future for renewables in the power grids</i>

12:00 to 12:15 **Dr. Sonia Valdivia**
Leuphana University of Luneburg (Germany)
Inclusive and sustainable circular economy – Circular economy standard ISO 59014 for the sustainability and traceability of recycled materials

12:15 to 12:30 **Group photo**

12:30 to 14:00 **Lunch break**

Session 3

Chair : Ener Salinas

14:00 to 14:15 **M.Sc. Jean Piers Chavez Aguirre**
Universitat Politecnica de Catalunya (Spain)
Bayesian networks approach in the loss of hospital functionality due to earthquake

14:15 to 14:30 **M.Sc. Efrain Quispe Choquemamani**
Universidad Nacional de San Agustín, Imperial College London (Peru/UK)
Localización de daño estructural a través de redes neuronales perceptrón multicapa y sensores MEMS

14:30 to 15:00 **Coffee break / Poster session**

15:00 to 15:10 **Ministerio de Relaciones Exteriores - Opening remarks**
MMRREE (Arequipa)
Presenting from Arequipa

Session 4

Chair : Paola Moreno Román

15:10 to 15:40 **Prof. Jorge Chau - Keynote speaker**
Leibniz Institute of Atmospheric Physics, U. of Rostock (Germany)
Challenging physics at the boundary between the Earth's atmosphere and Space
Presenting from Düsseldorf

15:40 to 16:00 **Dr. Lena Galvez - Invited speaker**
Universidad Católica de Santa María (Peru)
Research on Peruvian grain biodiversity: advances and challenges
Presenting from Arequipa

16:00 to 16:15 **M.Sc. Mayela Mayta Anco**
Universidad Nacional de San Agustín de Arequipa (Peru)
Caracterización agromorfológica de 25 accesiones de quinua en condiciones de la Irrigación Majes, Arequipa
Presenting from Arequipa

16:15 to 16:30 **Dr. Hildo Loayza Loza**
International Potato Center CIP (Peru)
Evidencias de similitudes de fluorescencia estacionaria de clorofila a nivel de follaje recuperados por métodos pasivos y activos en cultivos de papa
Presenting from Arequipa

16:30 to 16:45 **B.Sc. Pedro Morales Llica**
Universidad Peruana Cayetano Heredia (Peru)
Una irradiancia constante y uniforme para disminuir el tiempo de degradación de la bilirrubina en neonatos con ictericia neonatal
Presenting from Arequipa

16:45 to 17:15 **Coffee break (Arequipa) / Poster session (Düsseldorf)**

Session 5

Chair : Alex Cuadros

17:15 to 17:35 **Dr. Jaeson Calla - Invited speaker**

UCSD/ Universidad Nacional Mayor de San Marcos (USA/Peru)

Biomarkers for Plasmodium infections and identification of novel antimalarial compounds

Presenting from Arequipa

17:35 to 18:25 **Panel discussion – Transition from academia to industry**

Moderator : Dr. Kevin Contreras

Dr. Luis Tay Wo Chong

Ansaldó Energía Switzerland AG (Switzerland)

Presenting from Düsseldorf

Dr. Walter Leidinger

Ex Gerente de Bayer (Germany)

Presidente de "Herzen für eine Neue Welt e.V. - Kinderhilfe PERU"

Presenting from Düsseldorf

Mr. Jean-Louis Gelot

Owner

GEOINNOVACION (Peru)

Presenting from Arequipa

18:25 to 18:30 **Closing remarks (Düsseldorf)**

18:30 to 18:45 Sinapsis - Asociación



Sinapsis

ENCUENTRO DE CIENTÍFICOS PERUANOS

Preliminary Program - Sinapsis 2024

Düsseldorf - Saturday, July 20th, 2024

Time	Activity
08:30 to 09:00	Registration
09:00 to 09:10	Important information & updates
	<i>Session 1</i> <i>Chair : Juan Carlos Bazo</i>
09:10 to 09:40	Dr. Catriona Fyffe - Keynote speaker Institute of Science and Technology Austria (Austria) <i>Peruvian glaciers and their importance for water resources</i>
09:40 to 10:00	Prof. Lorenzo Guglielminetti - Invited speaker University of Pisa (Italy) <i>The effect of global change on UV radiation increase and their consequences on Andean crops</i>
10:00 to 10:15	M.Sc. Carlos Fernandez Palomino Potsdam Institute for Climate Impact Research (Germany) <i>Understanding hydrological dynamics in the tropical Andes of Peru and their responses to climate change</i>
10:15 to 10:30	Ing. Maria Garcia Veramatus Wageningen University (Netherlands) <i>Aquatic macroinvertebrates: An alternative for assessing mercury bioaccumulation in abandoned gold mining ponds in the Peruvian Amazon</i>
10:30 to 11:00	Coffee break / Poster session
11:00 to 11:45	Round table – Climate change and sustainable development Moderator: Dr. Juan Davalos
	Dr. Brenda D'Acunha Centre For Ecology & Hydrology (United Kingdom)
	Dr. Sonia Valdivia Leuphana University of Luneburg (Switzerland)
	Dr. Renato Salvatecci Center for Ocean and Society - Kiel University (Germany)
	<i>Session 2</i> <i>Chair : Mev Dominguez Valentin</i>

- 11:45 to 12:00 **Dr. Edgar Hernández Huaripaucar**
Universidad Nacional San Luis Gonzaga (Peru)
Asociación entre la adicción a smartphones y el riesgo de hikikomori en adolescentes tras la postpandemia COVID-19
- 12:00 to 12:15 **M.Sc. Giannina Urrello Hurtado**
Universidad de Barcelona (Spain)
Assessment of teaching and learning practices to enhance children's oral language in a kindergarten classroom in Peru
- 12:15 to 13:00 **Workshop – “Sinapsis Peru - Outlook for the future”**
- 13:00 to 13:10 **Awards session** – Prize for best poster and oral presentation
- 13:10 to 13:30 **Sinapsis 2024 final remarks and Sinapsis 2025 announcement**
- 13:30 to 13:40 **Group photo**