


## THURSDAY, OCTOBER 5th, 2017

Time	Title
8:30 - 9:00	Registration
9:00 - 9:10	Welcome by Elmer Schialer Ambassador of Peru in the Federal Republic of Germany
9:10 - 9:20	Welcome by Organizing Committee SINAPSIS 2017
9:20 - 9:50	<b>KEYNOTE LECTURE 1</b>  Quantum computers and quantum simulators Prof. Enrique Solano Department of Physical Chemistry, University of the Basque Country UPV/EHU, Bilbao, Spain
9:50 - 10:20	<b>KEYNOTE LECTURE 2</b>  Impact of "Fenómeno del Niño" from Public Health Perspective Constantino Domínguez Barrera, MD Department of Preventive Medicine, Universidad Nacional Mayor de San Marcos, Perú
10:20 - 10:50	COFFEE BREAK
10:50-11:05	<b>O1</b>  RNAi-mediated strategy to control the African sweetpotato weevils <i>cylas puncticolis</i> and <i>cylas brunneus</i> (coleoptera, brentidae). Katterinne Prentice (Ghent University, Belgium)
11:05-11:20	<b>O2</b>  Interferencia y compatibilidad electromagnética en dos sistemas de energías renovables. Ener Salinas (ABB Corporate Research, Sweden)
11:20-11:35	<b>O3</b>  Physiological effects of short acute UVB treatments in <i>Chenopodium quinoa</i> Willd. Thais Huaranca Reyes (University of Pisa, Italy)
11:35-11:50	<b>O4</b>  Re-thinking Ecological Infrastructure in contested periurban areas in cities in dry climatic conditions in the so called GlobalSouth. Rossana Poblet (University College London, UK )
11:50-12:05	<b>O5</b>  Estimación del desplazamiento co-sísmico asociado al sismo de Acarí del 25 de Setiembre de 2013 (Mw=7.0) y deformación intersísmica (2012-2013) en el sur del Perú usando geodesia especial. Wendy Quiroz (Instituto Geofísico del Perú, Perú)
12:05 - 13:15	<b>Round Table 1</b> "Cooperation and Scientific Programs between Europe and Peru Chair: Organizing Committee SINAPSIS 2017 Participants: DAAD, GIZ, DFG Representatives"
13:15 - 15:00	LUNCH TIME
15:00 - 15:30	<b>KEYNOTE LECTURE 3</b>  Inherited Cancer Pål Møller, MD Oslo University Hospital, Oslo, Norway
15:30 - 15:45	<b>O6</b>  El Niño forecasting based on network analysis" as part of EPICC (East Africa-Peru-India Climate capacities), a planned IKI-BMUB project for international climate research cooperation. Maria Martin (PIK, Germany)
15:45 - 16:00	<b>O7</b>  Taxonomic revision and evolutionary history of the fern genus <i>salpichlaena</i> (blechnaceae). Glenda Gabriela Cardenas (Turku University, Finland)
16:00-16:15	<b>O8</b>  Fabrication of nonperiodic metasurfaces by microlens projection lithography. Cesar Torres (Harvard University, USA)
16:15 - 16:30	<b>O9</b>  Prioritizing natural product diversity in three <i>Alstonia</i> spp. endemic to New Caledonia through massive multi-informative molecular networks. Alexander Fox Ramos (Université Paris Sud, France)
16:30 - 16:45	<b>O10</b>  Molecular studies of dyslexia susceptibility genes. Isabel Tapia Páez (Karolinska Institute, Sweden)
16:45 - 16:55	Assemble for Group Photograph
16:55 - 17:15	COFFEE BREAK
17:15 17:30	 Palabras a cargo de Cienciaactiva Pamela Antonioli De Rutte Responsable de la Unidad de Desarrollo
17:30 - 18:30	<b>Round Table 2</b> How to establish scientific research collaborations between Europe and Peru? Chair: Dr. Pål Møller, MD Status of current scientific collaboration between Peruvian institutions and Europe. Chair: Organizing Committee SINAPSIS 2017
18:30 - 21:00	OPTIONAL SOCIAL GATHERING - For menu and pricing information please visit <a href="http://cafe-hardenberg.com">http://cafe-hardenberg.com</a>

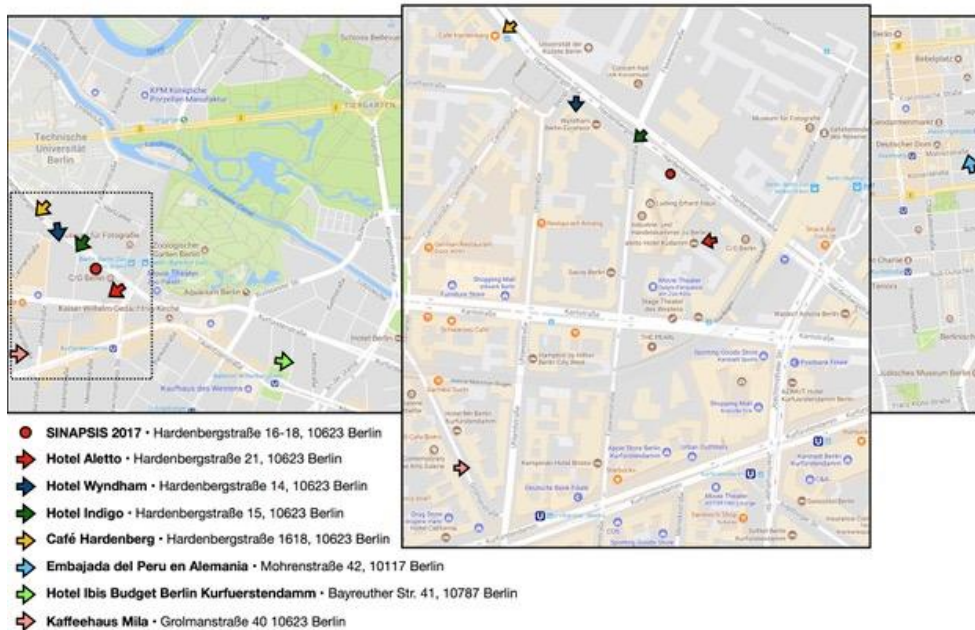
## FRIDAY, OCTOBER 6th, 2017

Time	Title
8:00 – 8:40	Registration
8:40 – 9:10	SINAPSIS Network in Europe
9:10 - 9:40	<b>KEYNOTE LECTURE 4</b>  El problema de los grafos isomorfos: el algoritmo de Babai. Prof. Harald Helfgott University of Göttingen, Germany
9:40 - 9:55	O12  OA-UNI DIMM Seeing Monitor: medidas de seeing astronomico en Huayao y Patacancha. Erick Meza (UNI, Peru)
9:55 – 10:10	O13  Mapping the diversity of b cells subsets across blood and lymphoid tissues using multiparametric mass cytometry analysis. A. Rodriguez-Pozo (Université Paris Sud, France)
10:10 – 10:25	O14  How telipogon peruvianus (orchidaceae) flowers cheat their tachinid eudejeania male pollinators? Carlos Martel (University of Ulm, Germany)
10:25 – 10:40	O15  Constructed wetland, a wastewater treatment approach for urban and rural areas. Maribel Zapater-Pereyra (UNALM & Munich University, Peru, Germany)
10:40 – 10:55	O16  Frequency Determination of the TEP1 alleles in Anopheles gambiae s.s. collected in Angola between 2002 and 2010. Estefania Torrejon (Instituto de Higiene e Medicina Tropical, Portugal)
10:55 – 11:15	COFFEE BREAK
11:15 - 12:45	Round Table 3 Current situation of Peruvian students (MSc, PhD) in Europe and their future in Peru. Challenges for the next generation Chair: Organizing Committee SINAPSIS 2017
12:45 – 14:15	LUNCH TIME
14:15 - 14:45	<b>KEYNOTE LECTURE 5</b>  Andean grains: Nordic perspective of food research and development Jose Martin Ramos, PhD Department of Food and Environmental Sciences, University of Helsinki, Finland
14:45 – 15:00	O17  Marine macrobenthic communities associated to peruvian scallop argopecten purpuratus culture (macops): structural and functional diversity, feeding ecology and contaminant exposure. Ivan Loayza (Ghent University, Belgium)
15:00 – 15:15	O18  Chitosan/poly-cyclodextrin hydrogels and sponges for bone tissue engineering application. Carla Palomino (Univ Lille, France)
15:15 – 15:30	O19  Mitochondrial DNA and Y-chromosome diversity in the cloud forest area of northeastern Peru. Evelyn Guevara (Univercity of Helsinki, Finland)
15:30 – 15:45	O20  A series arc fault location algorithm based on the impedance method for a domestic AC system. Edwin Calderon (Univ Lorraine, France)
15:45 - 16:00	O21  Layer-by-layer coating of a polyester non woven with chitosan and poly-cyclodextrin as antibacterial and anti-inflammatory wound dressing. Alejandra Mogrovejo (Univ Lille, France)
16:00 - 16.15	O22  Investigating the influence of sample size on the fatigue damage evolution in micro scale samples. Jorge Rafael Velayarce (Chair of Materials Science and Methods (MWW), Saarbrücken, Germany)
16:15 - 16:45	<b>KEYNOTE LECTURE 6</b>  Optical monitoring in atmosphere Prof. Ludger Woste Institut für Experimentalphysik, Freie Universität Berlin
16:45 - 16:55	Assemble for Group Photograph
16:55 – 17:15	COFFEE BREAK
17:15 – 18:30	Round Table 4 Networking in Europe of Peruvian scientists and Creation of thematical networks 1. <i>Nanoscience and Nanotechnology</i> 2. <i>Biological and Medical Sciences</i> 3. <i>Engineering and technology innovation</i> 4. <i>Basic Sciences and Mathematics</i>
20:00	CONFERENCE DINNER (Previous registration)

## SATURDAY, OCTOBER 7th, 2017

Time	Title
9:00 - 11:00	POSTER SESSION 1
11:00 - 11:15	Palabras de CONCYTEC Liliana Gomez de Weston Ministra en el Servicio Diplomático de la República Funcionaria Diplomática de la Embajada del Peru en Alemania
11:15 - 11:45	KEYNOTE LECTURE 7  Harvesting energy with new thermoelectric effects Juan Carlos Rojas, PhD Institute Jean Lamour, Nancy, France
11:45 - 12:15	Former SINAPSIS Group Meeting and SINAPSIS Network (all invited)
12:15 - 14:15	POSTER SESSION 2
14:15 - 14:45	SUMMARY – CLOSING AND INVITATION TO BARCELONA 2018

## Berlin - SINAPSIS 2017



## Sesión Posters

ID	Name and Surname	Title work
P-04	Hector Aroquipa	Evaluación de alternativas de reforzamiento sísmico incremental para edificaciones escolares características en el Perú
P-05	Leonardo Solis	Aceleración hardware de acoplamiento molecular usando opencl
P-07	Carlos Alberto Chero Dominguez	La globalización Andina: La construcción del sentido y antropología de la estrategia: el caso del Codex "Martínez Compañón"
P-09	Miriam Lopez	Turismo Sostenible, Economía Circular y Comunicación de la Sostenibilidad
P-10	Teresa Rojas	Linking up climate change mitigation and wildlife conservation: The case of Orangutans in Indonesia
P-13	C. Valencia-Sullca	Antimicrobial activity of chitosan films containing encapsulated eugenol in alginate microspheres
P-17	Sara Catalina Pineda Heresi	Atomistic modelling and simulation in materials science: investigation of transition metal iridium
P-18	Conny Guillen Huallpa	Estudio fitoquímico de <i>Salvia pseudorosmarinus</i> Epling (Lamiaceae) nativa del Perú
P-21	Nahuel Monteblanco	Identificación y caracterización de minerales de tierras raras en Perú
P-23	Elwin Luis Huaman Quispe	Linked data and public data to improve tourist information services
P-24	Daniela Requena Suarez	Is seed collection for large-scale plantations a good practice for forest conservation and livelihoods? The case of shihuahuaco ( <i>Dipteryx</i> sp.) Seed collection for a large-scale plantation in Ucayali, Peru
P-25	Isabel Janet Bejarano-Alva	Advances and challenges of the use of anion exchange resins as heterogeneous catalysts for the biodiesel production: a review
P-26	J. Biehl	Implementing SEA in Peru – on track from a donor-driven approach towards ownership?
P-27	Rosa Calderon	EKPA'PALEK: Empowering Latin Students Professional Development in your hands
P-28	Helen Pamela Pasapera Santos	Estimación de la edad dental en niños con osteogénesis imperfecta
P-29	Alexander Raqui	Diseño, fabricación y caracterización de sensores blandos multiescala
P-30	Khaterine Salazar-Cubillas	Estimación de proteína no degradada en el rumen y proteína bruta utilizable de forrajes tropicales usando técnicas in situ e in vitro
P-33	Elizabeth Rodriguez	Potencialidades del <i>Nostoc sphaericum</i> para enfrentar la desnutrición crónica infantil y la tbc
P-34	M. Cahuana	Airclean: Una propuesta creativa para reconvertir la toxicidad de aire (CO <sub>2</sub> ) que generan los automóviles a Oxígeno.
P-36	Luis Alfredo Espinoza Espinoza	Helados saludables elaborados con aceite de oliva, castañas ( <i>castanea sativa</i> , miller) y goma de tara ( <i>caesalpinia spinosa</i> )
P-37	Luz Arelis Moreno Quispe	Desafíos de la Prevención de Caries dental en el Perú
P-38	Lorena Ramirez	Characterization of clock-output genes and stress response in potato ( <i>S. Tuberosum</i> L.)
P-40	Gustavo Quino	Mediciones sonoras en materiales granulares
P-41	Jeannet Ligan	SISAY: Plataforma de Mentoría en Línea para estudiantes de Ciencias, Tecnología e Ingeniería
P-42	J.R. Barrios	Energética molecular de los antioxidantes tirosol, hidroxitirosol y resveratrol
P-43	Yurema Alencastre Andía	Dieta e hipersensibilidad dental: manifestaciones frecuentes de dolor y erosión en los dientes
P-44	Angela Quispe-Salcedo	Beyond the dental chair! - in vitro and in vivo approaches to analyze the process of tooth repair and regeneration
P-45	J.A. Dulanto	Hydrogenated aluminum nitride passivation layers doped with terbium and ytterbium rare earths for photovoltaic applications
P-46	Edilberto Vicente. Medina-Cabrera	Identification and Optimization of Exopolysaccharides (EPS) from Microalgae
P-47	Nahuel Monteblanco	Científicos.pe, el espacio de encuentro virtual de los científicos peruanos
P-48	Juan Carlos Bazo	Analysing weight after anti-psychotic drug treatment: understanding missing data behaviour and its impact on estimates in longitudinal electronic health records
P-49	J. Lamas-Valverde	Observatorio de política científica: El aporte de la ciencia para determinar necesidades, desafíos y oportunidades de desarrollo se constata en toda sociedad avanzada. En este documento la reflexión se concentra en la efectividad de las medidas en marcha y en cómo se integra el avance científico alcanzado por peruanos post-/graduados en el extranjero.
P-51	Henry Neyra Calvo	Compra automatizada de elementos mecánicos artículos - din/iso
P-52	Manuel Encalada	Evaluation of the Tissue Transglutaminase activity on an in vivo model.
P-53	Dora Quispe	Horizontal Gene transfer contributes to plant evolution: the case of <i>Agrobacterium T-dnas</i> .
P-54	Greta Arias Merino	Mortalidad debida a enfermedades raras neurológicas en Europa
P-55	Jorge Morales	Study of the interface between imidazolium-based ionic liquids electrolytes and lithium metal electrode
P-57	Antonella Raffo Romero	The early phase of microglial activation in leech CNS repair involves a tgfb-dependent signaling
P-58	K. Contreras	Iniciativas de cooperación internacional entre Francia y Latino-América: Ejemplo "Red nanoandes", "Spectra" y 'optoandina'