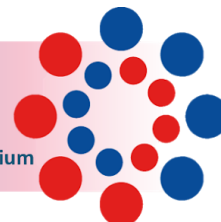

Tuesday, October 22, 2019 - Guided visit to AGP glass for registered attendants

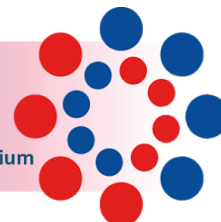
13:20 - 13:40	Attendants meeting at Sint-Pieters train station
13:40 - 15:00	Bus trip to AGP glass
15:00 - 16:30	Guided visit
16:30 - 18:00	Bus trip to Guent

Wednesday, October 23, 2019

9:00 - 9:35	Registration of participants
9:35 - 9:40	Greetings of the Organizing Committee of SINAPSIS 2019
9:40 - 9:50	Welcome speech from the Peruvian Ambassador in Belgium, Gonzalo Gutiérrez Reinel
9:50 - 10:25	Chairman: Williams Savero KL-01: "Studies of mesospheric and lower thermospheric turbulence and waves with novel multi-static MIMO specular meteor radars" Prof. Jorge Chau Leibniz Institute, University of Rostock, Germany
10:25 - 10:40	OC-01: "Uso de software libre para la confección de modelos de redes de abastecimiento de agua. QGIS-ConvertGISEpanet-RunEpanetGIS" Oscar Tomas Vegas Niño Polytechnic University of Valencia, Spain
10:40 - 10H55	OC-02: "Identificación y localización de daños en puentes utilizando un método basado en vibración no modal" Rick Milton Delgadillo Ayala Polytechnic University of Catalonia, Spain
10:55 - 11:30	Coffee break 1
11:30 - 11:45	Chairman: Ivan Loaiza OC-03: "Aplicación, desafíos y perspectivas en el modelamiento de la distribución espacial de la anchoveta <i>Engraulis ringens</i> mediante redes neuronales" Noelia del Carmen Valderrama Bhraunxs Vrije Universiteit Brussel, Belgium
11:45 - 12:20	KL-02: "The Antarctic research collaboration Peru-Belgium" Prof. Isabelle Schön Belgium Institute of Natural Sciences, Belgium
12:20 - 14:10	Lunch break
14:10 - 14:25	Chairman: Daniel Mercado OC-04: "Vulnerabilidad y riesgo sísmico simplificado para edificaciones, en términos de pérdidas económicas e integración de CRC" Hector Aroquipa Velasquez Universidad Nacional del Altiplano, Perú
14:25 - 14:40	OC-05: "Hydrological context during 2017 coastal El Niño phenomenon, impacts in peruvian infrastructure and risk assessment" Julio Isaac Montenegro Gambini Catholic University of Louvain, Belgium
14:40 - 15:15	KL-03: "¿Minería sostenible? Una mirada al aporte de la minería a la economía de países latinoamericanos y su impacto en los socio-ecosistemas de montaña" Prof. Leonith Hinojosa Catholic University of Louvain, Belgium
15:15 - 15:30	OC-06: "Evaluation of the effect of irrigation water quality on chlorophyll content in high Andean plants" Ximena Victoria Rosado Espinoza Polytechnic University of Catalonia, Spain
15:30 - 15:45	OC-07: "Effects of disturbances and land use change on carbon stocks in six US states" Lucia Fitts Vargas Minnesota University, United States

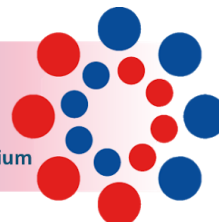


15:45 - 16:40	Break/First day photo
16:40 - 17:40	<p>Round table discussion 1: Climate change: impact in Peru and in the rest of the planet Chairwoman: Leonith Hinojosa</p> <ul style="list-style-type: none"> • Dr. Ken Takahashi, SENAHMI Peru (Videoconference)
17:40 - 18:15	<p>Chairman: Nahuel Montebianco KL-04: "Atomic resolution tomography and dynamics of nano-objects" Prof. Dirk van Dyck University of Antwerp, Belgium</p>
18:15 - 18:30	<p>OC-08: "Generating non-classical light in photon-number superpositions from solid-state emitters" Juan Carlos Loredo Rosillo CNRS, Center for Nanoscience and Nanotechnology, France</p>
18:30 - 19:00	Break
19:00 - 19:30	<p>Fabiola León Velarde (Videoconference) President of CONCYTEC Lima, Peru</p>
19:00	Free night

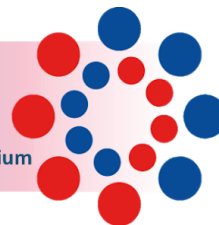


Thursday, October 24, 2019

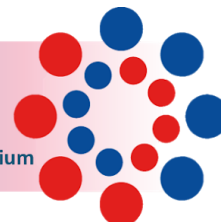
Thursday, October 24, 2019	
9:00 - 9:15	Directions of the Organizing Committee of SINAPSIS 2019
9:15 - 9:30	Chairman: OC-09: "Partners and signalling in SOBIR1-related immune complexes" Sergio Andrés Landeo Villanueva University of Wageningen, Netherlands
9:30 - 9:45	OC-10: "Identification, characterization and production of microalgae EPS" Edilberto Vicente Medina Cabrera Technical University of Munich, Germany
9:45 - 10:00	OC-11: "Development of specific DNA aptamers against the enzyme 1-deoxy-D-xylulose-5-phosphate reductoisomerase from <i>Plasmodium falciparum</i>" Carlota Roca Martinez University of Barcelona, Spain
10:00 - 10:15	OC-12: "Identificación de las causas de muerte en países de mediana y baja renta a través de la autopsia mínimamente invasiva" Juan Carlos Hurtado University of Barcelona, Spain
10:15 - 10:55	Break
10:55 - 11:10	Chairman: Williams Savero OC-13: "Recent advances in the improvement of the tuberculosis diagnosis using magnetic nanoparticles" Nancy León Janampa Cayetano Heredia University, Peru
11:10 - 11:25	OC-14: "Aspectos genéticos e inmunológicos en la infección por el VIH/SIDA" Jacqueline Valverde Villegas INSERM, University of Montpellier, France
11:25 - 11:50	KL-05: "Synthetic molecules for biosensing or inhibiting pathogenic microorganisms" Dr. Pohl Milón Peruvian University of Applied Sciences, Peru
12:00 - 13:30	Lunch break
13:30 - 13:45	Chairwoman: Dora Quispe OC-15: "Antibiotic resistance in <i>Escherichia coli</i> and <i>Klebsiella</i> sp. from hospital sewage in Lima and Iquitos, Perú" Nadia Zirena Arana Cayetano Heredia University, Peru
13:45 - 14:00	OC-16: "Epigenetic modifiers alter the secondary metabolite production of an endophytic fungal strain of <i>Botryosphaeria mamane</i> isolated from <i>Bixa orellana</i>" Romina Geraldine Pacheco Tapia UMR 152, Pharma Dev, University of Toulouse, France
14:00 - 14:15	O-17: "Incidencia y nivel de infestación de <i>Globodera</i> sp., en campos de cultivo de <i>Solanum</i> spp., variedades nativas en seis comunidades del distrito de Chungui, La Mar – Ayacucho, 2018" Walter Wilfredo Ochoa Yupanqui San Cristóbal of Huamanga National University, Perú
14:15 - 14:50	KL-06: "GMO's mimick what happens in nature: T-DNA from <i>Agrobacterium</i> is present in sweetpotato" Prof. Godelieve Gheysen Department of Biotechnology - Ghent University, Belgium
14:50 - 16:00	Coffee break 2 - Second day photo - Poster session 1 Jury: to be defined



16:00 - 16:30	<p style="text-align: center;">Country Day Peru: CESAM-SINAPSIS</p> <p style="text-align: center;">Welcome speech</p> <ul style="list-style-type: none"> • Prof. Guido van Huylenbroeck • Peruvian Ambassador in Belgium, Gonzalo Gutiérrez Reinel
16:30 - 16:50	<p style="text-align: center;">Presentation of CESAM cooperation platform</p> <p style="text-align: center;">Prof. Guido van Huylenbroeck Peter Goethals</p>
16:50 - 18:00	<p style="text-align: center;">Round table discussion 2: Cooperation between Peru and Belgium: status and future</p> <p style="text-align: center;">Chairmans: Prof. Ignace Lemahieu, director of research, Ghent University</p> <ul style="list-style-type: none"> • Prof. Josef Corvelyn, KU Leuven (Clinical psychologie) • Boryana Yotova, Erasmus and Marie Curie programs • Ann Katrien Lescrauwaet, VLIZ platform for marine research • Peter De Lannoy, Wannes Verbeek, VLIR-UOS
18:00 - 18:50	<p style="text-align: center;">Discussion and conclusions of the round table</p>
19:00 - 20:00	<p style="text-align: center;">Networking activity</p>


Friday, October 25, 2019

9:00 - 9:15	Directions of the Organizing Committee of SINAPSIS 2019
9:15 - 9:30	Chairwoman: Susan Rios OC-18: "Análisis biogeográfico del riesgo mundial de dengue" Alisa Aliaga Samanez University of Málaga, Spain
9:30 - 9:45	OC-19: "Performance Evaluation of Large Scale LoRa Networks" Moises Nuñez Ochoa Grenoble's CEA, France
9:45 - 10:20	KL-07: "Cultural Quantum® five step method" Ph. D. Jeanne Boden Cultural Quantum, Belgium
10:20 - 11:25	Coffee break 3 - Poster session 2 Jury: to be defined
11:25 - 12:30	Chairman: Luis Tay Round table discussion 3: Science applied in the Industry <ul style="list-style-type: none"> • Dr. Ener Salinas, ABB Technology, Sweden • Juan Pablo Suárez, AGP glass, Belgium • Fragkiskos Archontakis, European commission, research and innovation
12:30 - 14:00	Lunch break
14:00 - 14:15	Chairwoman: Katty Prentice OC-20: "Oxidación húmeda catalítica con peróxido de hidrógeno de afluentes reales enriquecidas con naproxeno y diclofenaco usando un catalizador a base de magnetita" Ysabel Huacalco Aguilar Complutense University of Madrid, Spain
14:15 - 14:50	KL-08: "Terremotos: su mecanismo físico, su predicción y prevención de desastres" Dr. Luis Dalguer 3Q-Lab GmbH, Suiza
14:50 - 15:05	OC-21: "Study, construction and applications of supercapacitors based on graphene" Lucila Menacho Rodriguez National University of Engineering, Peru
15:05 - 15:20	OC-22: "Experimental analysis of CaO as energy storage material in a moving bed reactor" Aldo Miguel Cosquillo Mejia German Aerospace Center, Germany
15:20 - 15:55	KL-09: "Graphene for water desalination" Prof. Alfredo Pacheco Tanaka Tecnalia, research and innovation, Spain
15:55 - 16:30	Break - Third day photo
16:30 - 17:05	Chairman: Kevin Contreras KL-11: "Integrated photonics: an enabler for today's digital society and for tomorrow's medicine" Prof. Roel Baets Ghent University, IMEC, Belgium
17:05 - 17:20	OC-23: "Nanotermómetros por espectroscopía resulta en el tiempo con longitudes de onda de emisión en 543, 655 y 1550 nm" David Willian Puma Ttito National University of Engineering, Peru
17:20 - 17:35	OC-24: "Hybrid micropillars: Confining light and sound" Omar Hernan Ortiz Cabello CNRS, Center for Nanoscience and Nanotechnology, France



17:35 - 18:00	Final conclusions of the Organizing Committee of SINAPSIS 2019 Closing speech and presentation of SINAPSIS: perspectives and future Final presentation and meeting balance
20:00	SINAPSIS 2019 get together dinner Spaans Huis Restaurant