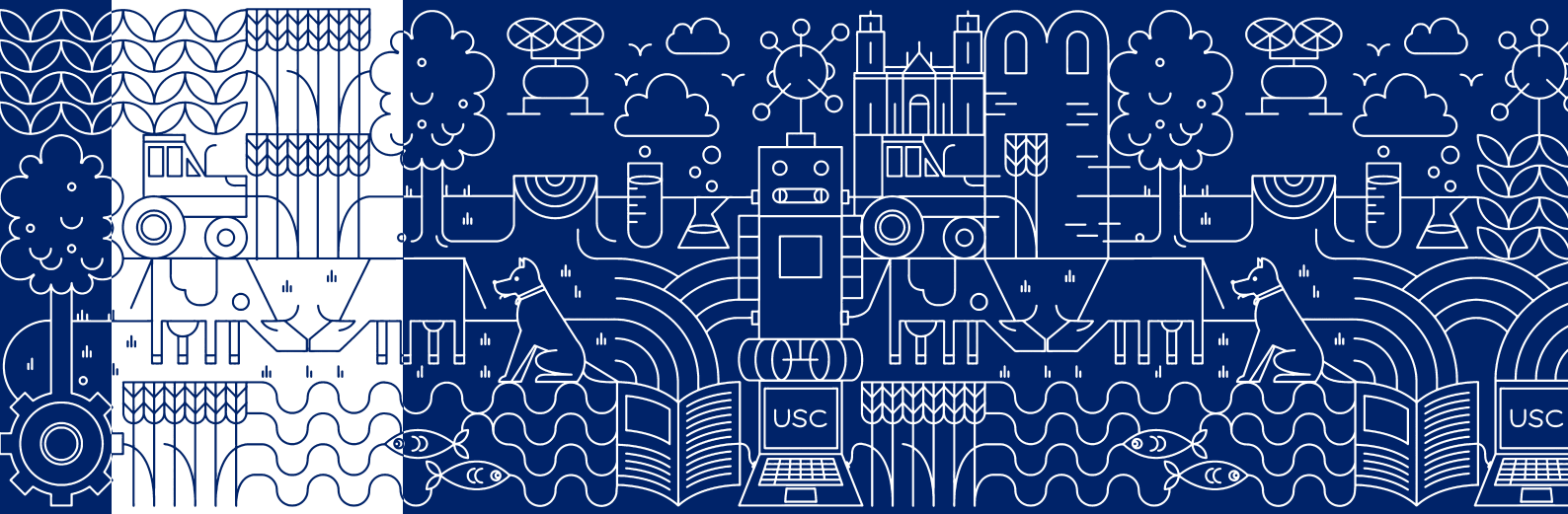
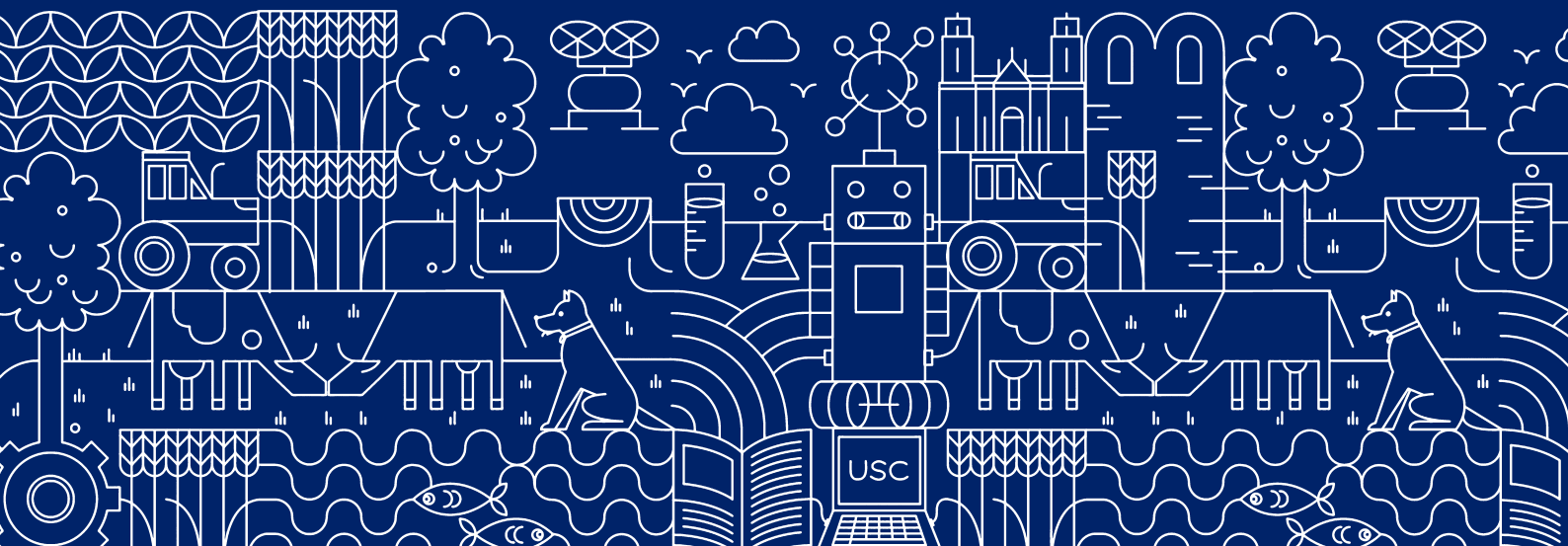
II Iberian Congress of Early-Career Researchers Campus Terra:
Roots of Knowledge

21-22-23 OCTOBER 2026

Higher Polytechnic School of Engineering
Campus of Lugo (Campus Terra)
Universidade de Santiago de Compostela



Programme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WEDNESDAY 21TH

8:00	**9:00**	**Registration**			
9:00	**9:30**	**Welcome and introduction**			
09.30	**10:00**	**Plenary session (1) «*Food safety in the one health era: connecting antimicrobial resistance across the food chain*»; Vanesa García Menendez - *Escherichia coli* Reference Laboratory - Food Safety, Universidade de Santiago de Compostela**			
10:00	**11:00**	**ORAL COMMUNICATIONS - SAFE AND HEALTHY FOOD**			
Moderator		**Moderator - Vanesa García Menendez, Universidade de Santiago de Compostela**			
Technical Support		**Ana Seijas Cerceda**			
10:00	10:10	**OC_01_I**	Application of octopus cooking water in refrigerated fish preservation: effects on lipid profile and nutritional quality	Lina Pena González	Universidade de Vigo
10:10	10:20	**OC_02_I**	Nettle extract encapsulation by electrospinning for bacterial cellulose-based active food packaging	Pilar España-Fariñas	Universidade de Santiago de Compostela
10:20	10:30	**OC_03_I**	Optimization of pectin extraction from apple pomace: evaluation of yield and other characteristics	Paula Roade Pérez	Universidade de Santiago de Compostela
10:30	10:40	**OC_04_I**	Valorization of dairy industry byproducts for the production of functional metabolites through fermentation processes	Laura Bellas Muiño	Universidade de Santiago de Compostela
10:40	10:50	**OC_05_I**	Supply chain challenges in the introduction of A2 dairy products: evidence from the Galicia-Northern Portugal Euroregion	Joana Ferreira	Universidade de Santiago de Compostela
10:50	**11:00**	**Questions**			
11:00	**11:30**	**Coffee break**			
11:30	**12:30**	**Inaugural presentation: "*Green AI: Towards a Sustainable Future*"; Verónica Bolón Canedo - Laboratorio de I+D en Inteligencia Artificial, CITIC, Universidade da Coruña**			

12:30	13:50	ORAL COMMUNICATIONS - SAFE AND HEALTHY FOOD			
Moderator		**Mario García González, Universidade do Minho**			
Technical Support		**Ainoa Míguez González**			
12:30	12:40	**OC_06_I**	Compositional and functional characterization of wild hazelnuts from the Cantabrian Mountain Range	Nerea Ruanova Sanjuán	Universidade de Vigo
12:40	12:50	**OC_07_I**	Changes in the viability and morphology of *Saccharomyces* yeast induced by oxathiapiprolin and spiroxamine fungicides	Icía Gómez Pérez	Universidade de Vigo
12:50	13:00	**OC_08_I**	Sex-dependent organ structural damage and renal function alterations after subchronic low-dose exposure to diarrheic shellfish toxins	Luis Rodríguez-Santos	Universidade de Santiago de Compostela
13:00	13:10	**OC_09_I**	Simplifying olive oil varietal authentication: a miniaturized SNP-based fluorescence platform	Lidia Barreira González	Universidade de Santiago de Compostela
13:10	13:20	**OC_10_I**	Determination and study of the oral bioaccessibility of per- and polyfluoroalkyl substances (PFAS) in commercial microwave popcorn	Vera Bernárdez Chamorro	Universidade de Santiago de Compostela
13:20	13:30	**OC_11_I**	Integration of LAMP into a µTAS platform for on-site sesame allergen detection	Carla Isabel Cunha Teixeira	International Iberian Nanotechnology Laboratory
13:30	13:40	**OC_12_I**	Determination of the presence of pharmacological residues in human feces by liquid chromatography-tandem mass spectrometry in families in the Province of Coruña	Gabriel Míguez Suárez	Universidade de Santiago de Compostela
13:40	**13:50**	**Questions**			

13:50	**15:30**	**Lunch break**

15:30	17:00	ORAL COMMUNICATIONS - ONE HEALTH			
Moderator		**Ana Roca Fernández, Universidade de Santiago de Compostela**			
Technical Support		**Marina Pampín Iglesias**			
15:30	15:40	**OC_13_II**	Alzheimer-Like disease in canines: Looking beyond β-amyloid	Belén Larrán Franco	Universidade de Santiago de Compostela
15:40	15:50	**OC_14_II**	Epidemiological surveillance of antibiotic resistance in water treatment plants	Mireya Flórez Quintana	Universidade de Santiago de Compostela

15:50	16:00	**OC_15_II**	Lipopolysaccharide core disruption as a therapeutic strategy against uropathogenic *Escherichia Coli*	Estela Pena Hermida	Universidade de Santiago de Compostela
16:00	16:10	**OC_16_II**	Investigating the role of TANC1B in neuromuscular development in zebrafish (*Danio Rerio*)	Rocío Valín Morandeira	Universidade de Santiago de Compostela
16:10	16:20	**OC_17_II**	Optimization of an orthotopic human glioblastoma zebrafish model for the preclinical assessment of an experimental treatment	Mateo López Anca	Universidade de Santiago de Compostela
16:20	16:30	**OC_18_II**	One ligand, two redox pathways: Metal identity governs radical fate	María Rodríguez Padrón	Universidade de Santiago de Compostela
16:30	16:40	**OC_19_II**	Development of cyclodextrin-quercetin inclusion complexes for antioxidant biopolymeric wound dressings	Valeria Fernanda Esteban Galvis	Universidade de Santiago de Compostela
16:40	16:50	**OC_20_II**	Computational and in vivo dissection of pancreatic cis-regulatory elements driving T2D phenotypes	Flávia Ferreira	Instituto de Investigação e Inovação em Saúde - Universidade do Porto
16:50	**17:00**	**Questions**			

17:00	**17:15**	**Coffee break**

17:15	**18:00**	**POSTER SESSION - SAFE AND HEALTHY FOOD + ONE HEALTH**			
		PO_01	Analysis of manganosalen complexes as potential antimicrobial agents for new biodegradable packaging solutions	Susana Pascual de la Cruz	Universidade de Santiago de Compostela
		PO_02	Evaluation of the cytotoxic and immunomodulatory activity of fish bioactive peptides	Carlota Martínez Rodríguez	Universidade de Santiago de Compostela
		PO_03	Okadaic acid induces a metabolic shift in human Caco-2 enterocytes by compromising mitochondrial ATP production	David Rial Santos	Universidade de Santiago de Compostela
		PO_04	UNET-based model arquitecture for hyperspectral imaging segmentation applied to chickpea varieties discrimination	Alejandro Saavedra Mejuto	Universidade de Vigo
		PO_05	Near-infrared spectroscopy coupled with chemometrics for roasted barley malt quantification in bread	Pilar España-Fariñas	Universidade de Santiago de Compostela
		PO_06	Study of the antioxidant activity of legume-derived peptides obtained by enzymatic hydrolysis	Noelia López Cotelo	Universidade de Santiago de Compostela
		PO_07	Exploring the binding modes of azaspiracid 3, azaspiracid 4 and azaspiracid 5 to TRPV1 by molecular docking	Sheila Santomé	Universidade de Santiago de Compostela

		PO_08	Effect of the marine toxins azaspiracids 3 (AZA3), 4 (AZA4) and 5 (AZA5) on human TRPV1 channels	Uxía Rodríguez Rodríguez	Universidade de Santiago de Compostela
		PO_09	Comparative evaluation of selenium biofortification in *Gracilaria bursa-pastoris* and *Ulva lactuca* for application in animal nutrition	Martín Portas Bugallo	Universidade de Santiago de Compostela
		PO_10	Photophysics of tyrosine amino acid revisited	Stella Hernández Faria de Moraes	Universidade de Santiago de Compostela
		PO_11	Trace element status and metabolic profile in feline obesity	Manuel Fernández-Campoamor López	Universidade de Santiago de Compostela
		PO_12	Navigating the senses: The zebrafish's journey toward human hearing	Jorge Abaz Bouzón	Universidade de Santiago de Compostela
		PO_13	Multiplex vs genus-specific PCR for the detection of *Sarcocystis spp.* in roe deer (*Capreolus capreolus*)	Carlota Fernández González	Universidade de Santiago de Compostela
		PO_14	Secondary resistome genes modulate cefotaxime resistance in CTX-M-1-producing *E. coli* clinical strains	Natalia Farto Pastoriza	Universidade de Santiago de Compostela
		PO_15	Valorization of brewing industry by-products: Characterization, extraction of bioactive compounds, and sustainable industrial applications	Sabela Fernández Sánchez	Universidade de Vigo
		PO_16	Touching 3D printing: A haptic and interactive format for understanding the influence of manufacturing parameters on personalized orthopedics	Héctor Rivada Rodríguez	Universidade de Santiago de Compostela
		PO_17	Are all available dog and cat vaccines necessary in Spain? A pharmaceutical assessment	Almudena Graña Pena	Universidade de Santiago de Compostela
		PO_18	Anti-inflammatory activity of compounds isolated from the brown alga *Rugulopteryxc okamurae* in murine macrophages	Ángel Amado	Universidade de Santiago de Compostela
		PO_19	Medical liver segmentation toolkit: A standardised open-source framework for training and benchmarking deep-learning networks in hepatic segmentation	Marcos Fernández González	Universidade de Santiago de Compostela
		PO_20	Insights into histone crotonylation recognition by the AF9 yeats domais: A molecular dynamics study	Neima Fernández Espín	Universidade de Santiago de Compostela
		PO_21	Insights into arsenic occurence and distribution in the Nogueiredo stream (Castrelo de Miño, NW Spain) using multielement and Sr isotopic tracers	Xoel López Vázquez	Universidade de Vigo
		PO_22	Passive surveillance of ticks in pets: A five-year study in Galicia (2020-2024)	Ines Isabel Abreu Ramos	Universidade de Santiago de Compostela

18:00	19:00	ORAL COMMUNICATIONS - ONE HEALTH			
Moderator		**José Ángel Hernández Malagón, Universidade de Santiago de Compostela**			
Technical Support		**Marina Pampín Iglesias**			
18:00	18:10	**OC_21_II**	Molecular detection and characterization of tick-borne pathogens in questing ticks from Galicia, northwest Spain	Ines Isabel Abreu Ramos	Universidade de Santiago de Compostela
18:10	18:20	**OC_22_II**	Presence and abundance of mosquitoes and biting midges in equine facilities in Galicia, Spain	David Boso Dafonte	Universidade de Santiago de Compostela
18:20	18:30	**OC_23_II**	Mechanical characterization and clinical validation of polymers in personalized orthopedics via 3D printing	Héctor Rivada Rodríguez	Universidade de Santiago de Compostela
18:30	18:40	**OC_24_II**	One health dataspace: More than data	Pedro Ferreiro Rega	Centro Supercomputación de Galicia
18:40	18:50	**OC_25_II**	Chemically uncrosslinked injectable cryogels based on marine-origin collagen, chondroitin sulfate and hyaluronic acid for cartilage-oriented tissue engineering	Mario García González	Universidade de Santiago de Compostela / Universidade do Minho
18:50	**19:00**	**Questions**			

20:00	**Talk by Gonzalo Álvarez Jurado Venue: O Vello Cárcere, Lugo. **Part of the lecture series accompanying the exhibition Wallace and the Origin of Species.**
21:30	**Cocktail reception at Restaurante Musgo, located in the O Vello Cárcere building onwards. REGISTRATION REQUIRED (ticket included in the conference materials). A registration form will be sent to all registered participants from 14 October.**

THURSDAY 22ND

09:00	**09:30**	**Plenary session (2) "*The food consumer from a marketing perspective: issues and heuristic information processing*"; Francisco José Torres Peña - Research Group: Sensory Analysis, Nutritional Assessment and Development of New Foods, Universidadae de Santiago de Compostela**			
9:30	**11:00**	**ORAL COMMUNICATIONS - SOCIETY AND ECONOMY IN RURAL AREAS**			
Moderator		**Pablo Souza Alonso, Universidade de Santiago de Compostela**			
Technical Support		**Samira Hernández Faria de Moares, Stella Hernández Faria de Moares**			
09:30	09:40	**OC_26_III**	Ethical leadership and job performance: the mediating role of bullying and the influence of gender and industry	David Portillo Otero	Universidade de Santiago de Compostela
09:40	09:50	**OC_27_III**	Rural territories as strategic communication assets: cultural identity and territorial representation in Spanish brand films (1989-2019)	Andrés José Rozados Lorenzo	Universidade de Santiago de Compostela
09:50	10:00	**OC_28_III**	Competitiveness of the Mexican sugarcane sector from 2007 to 2024	Jair Uriel Fajardo Galindo	Colegio de Postgraduados, Campus Campeche, México
10:00	10:10	**OC_29_III**	*Brosimum alicastrum Sw.* (Ramón) as a strategic species for community integration into the carbon credit market in the Yucatán Peninsula	Karla Aracely González Santini	Colegio de Postgraduados, Campus Campeche, México
10:10	10:20	**OC_30_III**	Decoupling farming generational renewal: what are we talking about when we talk about new entrants and young farmers?	Guillermina Fernández Villar	Universidade de Santiago de Compostela
10:20	10:30	**OC_31_III**	The Oscos-Eo Integrated Development Programme (1985-1995): the paradigmatic application of Spain's Mountain Agriculture Act	Pedro Fiz Rocha Correa	Universidade de Santiago de Compostela
10:30	10:40	**OC_32_III**	Legacy private roads: analysis of their evolution and utilization in rural areas	Rubén Alba-Álvarez	Universidad de Oviedo
10:40	10:50	**OC_33_III**	Sowing the future: strategies for the incorporation of youth into the agricultural sector	Cecilia Márquez-Rodríguez	Universidade de Santiago de Compostela
10:50	**11:00**	**Questions**			

11:00	11:30	Coffee break

11:30	12:00	POSTER SESSION - SOCIETY AND ECONOMY IN RURAL AREAS			
		PO_23	Background and implications of social media use by B2B salespeople in the context of work-life balance	Mencía Hermida García	Universidade de Santiago de Compostela
		PO_24	Beyond product differentiation: geographical indications as instruments of territorial governance and rural development	Estefanía Torres Martínez	Universidade de Santiago de Compostela
		PO_25	From rural origins to the digital consumer: the role of smart packaging in creating value for the consumer	Adrián No Pérez	Universidade de Santiago de Compostela
		PO_26	Lived ecologies of extractive wine: local perspectives on financialization, dispossession, and degradation in A Estrada, Galicia	Jacobo Rivas Sanmartín	Universidade de Santiago de Compostela
		PO_27	Aging in rural Galicia	Gemma Vicente Iglesias	Universidade de Santiago de Compostela
		PO_28	Active ageing and alternative housing models in Galicia	María García Maseda	Universidade de Santiago de Compostela
		PO_29	Territorial diagnosis and socieconomic demand of the livestock sector in the land or Trives Region (Ourense)	Vanessa Garrido Blanco	Universidad Miguel Hernández de Elche
		PO_30	A methodological approach to the study of domestic space in rural Galicia (19th–20th centuries): using cadastral records	Virginia Mosteiro-Cagide	Universidade de Santiago de Compostela
		PO_31	Attitudes and perceptions of gender equality in sport in rural municipalities of Galicia and Asturias	Ana Díaz-Crespo	Universidade da Coruña
		PO_32	Digital transition towards food sustainability: self-assessment of regulatory compliance and sustainability indicators in agri-food SMEs	Joana Ferreira	Universidade de Santiago de Compostela

12:00	12:30	**Plenary session (3) "*Under Pressure: Exploring the Molecular Mechanisms of Resilience in Marine Molluscs*"; Simão Correira - IHPE group, CIIMAR, Universidade do Porto**

12:30	14:00	ORAL COMMUNICATIONS - SUSTAINABLE ANIMAL PRODUCTION AND HEALTH			
Moderator		**Simão Correira, Universidade do Porto**			
Technical Support		**Ainoa Míguez González**			
12:30	12:40	**OC_34_IV**	Prolonged maternal contact: the next challenge for dairy farmers?	Laura Fresco Rey	Universidade de Santiago de Compostela
12:40	12:50	**OC_35_IV**	Serum mineral variation throughout lactation in Holstein-Friesian cows of different parities	Candela Fernández Vila	Universidade de Santiago de Compostela
12:50	13:00	**OC_36_IV**	Uterine microbiota of dairy cows with subclinical endometritis	Antía Carro Acción	Universidade de Santiago de Compostela
13:00	13:10	**OC_37_IV**	Minerals in bovine semen: a key factor influencing sperm quality in extensively managed beef bulls	Andrés Couso Viana	Universidade de Santiago de Compostela
13:10	13:20	**OC_38_IV**	Epidemiological study of epizootic haemorrhagic disease and its clinical and productive impact in cattle from Galicia	María Belén Hernández Garabal	Universidade de Santiago de Compostela
13:20	13:30	**OC_39_IV**	Does better reproduction mean ecofriendlier herd structure?	Jacobo Álvarez Torres	Universidade de Santiago de Compostela
13:30	13:40	**OC_40_IV**	Analysis of greenhouse gas concentrations in fattening pig farms	Samira Hernández Faria de Moraes	Universidade de Santiago de Compostela
13:40	13:50	**OC_41_IV**	Applying lean principles to dairy farm operations: design and prototypical implementation of a digital farming app	Roberto Cuíñas Arias	Universitat Oberta de Catalunya (UOC) - Plexus Tech - Medrar Smart
13:50	**14:10**	**Questions**			

14:00	15:30	Lunch break

15:30	16:30	ORAL COMMUNICATIONS - SUSTAINABLE ANIMAL PRODUCTION AND HEALTH			
Moderator		**Inés Sambade, Universidade de Santiago de Compostela**			
Technical Support		**Gabriel Míguez Suárez**			
15:30	15:40	**OC_42_IV**	Replicative element divergence shapes plasmid compatibility in *Photobacterium damselae* subsp. *piscicida*	Pablo Vila Fajardo	Universidade de Santiago de Compostela
15:40	15:50	**OC_43_IV**	Can AI see what fish pathologists see? advances in AI-assisted image analysis for fish pathology	Xoel Souto Guitián	Universidade de Santiago de Compostela

15:50	16:00	**OC_44_IV**	Development and physicochemical characterization of blue shark skin collagen/hydroxyapatite membranes for bone regeneration	Francisco Vidal Negreira	Universidade de Santiago de Compostela
16:00	16:10	**OC_45_IV**	Transcriptomic and epigenetic changes in the olfactory organs of Senegalese sole may underlie reproductive failure in captive-bred males	Dorinda Torres Sabino	Universidade de Santiago de Compostela
16:10	16:20	**OC_46_IV**	Hydro-morphodynamics and shellfish productivity in the ría de Pontedeume under climate change and anthropogenic pressures	David Mateo Fouz Varela	Universidade de Santiago de Compostela
16:20	**16:30**	**Questions**			

16:30	**17:30**	**ORAL COMMUNICATIONS - SUSTAINABLE ANIMAL PRODUCTION AND HEALTH**			
Moderator		**Oscar Aramburu González, Universidade de Santiago de Compostela**			
Technical Support		**Gabriel Míguez Suárez**			
16:30	16:40	**OC_47_IV**	*In situ* hybridization as an advanced diagnostic tool in veterinary pathology: incorporation and applications	Sandra Maceiras García	Universidade de Santiago de Compostela
16:40	16:50	**OC_48_IV**	Impact of CAS9 aggregation on DNA cleavage activity	Ana Seijas Cerceda	Universidade de Santiago de Compostela
16:50	17:00	**OC_49_IV**	Isolation of filamentous fungi active against soil helminths in a zoological park	Alisa Khlebnikova	Czech University of Life Sciences
17:00	17:10	**OC_50_IV**	Preoperative anxiolytics: a strategy to improve animal welfare and clinical safety	Nerea Cambeiro Camarero	Universidade de Santiago de Compostela
17:10	17:20	**OC_51_IV**	Evidence of pulmonary vascular remodeling associated with *Aelurostrongylus abstrusus* infection in cats	Jorge Nieto Navarro	Universidade de Santiago de Compostela
17:20	**17:30**	**Questions**			

17:30	**17:45**	**Coffee break**

17:45	18:15	POSTER SESSION - SUSTAINABLE ANIMAL PRODUCTION AND HEALTH			
		PO_33	Beyond vaccination: deciphering immune responses through pathology	Beatriz Ordóñez Gómez	Universidade de Santiago de Compostela
		PO_34	Approaches for the assessment of intestinal health in aquaculture species	Martín Pérez Díaz	Universidade de Santiago de Compostela
		PO_35	Recycling and biological control of parasites: production of parasitophagous fungal spores with used cooking oil	Joel Cuervo Suárez	Universidade de Santiago de Compostela
		PO_36	Ascitic and pericardial lesions in turbot (Scophthalmus maximus): an observational study of farm cases	Cristian Valls Yllada	Universidade de Santiago de Compostela
		PO_37	Functional evaluation of fresh semen predicts cryotolerance and fertility in dairy bulls	Elena Niceas Martínez Díez	Universidade de Santiago de Compostela
		PO_38	When captivity leaves a mark: exploring epigenetic regulation of reproduction in aquaculture	Maialén Carballeda	Universidade de Santiago de Compostela
		PO_39	Validation of a colorimetric indicator for the determination of calcium in milk	Icía Abraira Castro	Universidade de Santiago de Compostela
		PO_40	Assessing farm surface contamination and viability of porcine reproductive and respiratory syndrome virus (PRRSV) using PMA-RT-qPCR	Laura Junquera Vázquez	Universidade de Santiago de Compostela

18:15	19:15	**Mesa redonda. Da tese á consolidación: diferentes camiños na carreira científica**		
Moderator		**César Pérez Cruzado, Research group PROEPLA, Universidade de Santiago de Compostela**		
		Ana Barreiro Buján	Investigadora Ramón y Cajal	Universidade de Santiago de Compostela
		Dorinda Torres Sabio	Doutoramento industrial	Universidade de Santiago de Compostela
		Laura Freiría Durán	Doutoranda Campus Terra	Universidade de Santiago de Compostela
		Antonio Moreno Robles	Doutorando FPI	Universidade de Santiago de Compostela
		Carlos Peco Costas	Doutorando Notario Vacas	Universidade de Santiago de Compostela
		Pilar España Fariñas	Doutoranda Xunta de Galicia	Universidade de Santiago de Compostela

20:30	**Pinchos & refreshments at Karrusel Bar Musical Rúa da Cruz, 14, Lugo. REGISTRATION REQUIRED (ticket included in the conference materials). A registration form will be sent to all registered participants from 14 October.**

FRIDAY 23RD

9:00	**9:30**	**Plenary session (4) "*Soil microorganisms: invisible allies for sustainable agriculture*", Claudia Campillo Cora - BV1 Plant, Soil and Use of Subproducts Group, Universidade de Vigo**

9:30	**10:50**	**ORAL COMMUNICATIONS - SUSTAINABLE AGRICULTURE AND PLANT PRODUCTION**			
Moderator		**Joel Rodríguez Ruiz, Universidade de Santiago de Compostela**			
Technical Support		**Pedro Fiz Rocha Correa**			
09:30	09:40	**OC_52_V**	Advanced characterization of organic residues and stabilization-induced changes to support circular nutrient recycling in Mediterranean agriculture	Antonio Moreno Robles	Universidade de Santiago de Compostela
09:40	09:50	**OC_53_V**	Efficiency of Galician soils in retaining the ionophore antibiotic lasalocid	Ainoa Míguez González	Universidade de Santiago de Compostela
09:50	10:00	**OC_54_V**	Soil microbial responses to land use in Valdeorras, NW Spain	Yumi Munetiko	Universidade da Coruña
10:00	10:10	**OC_55_V**	Temporal dynamics of vineyard soil bacterial and fungal microbiomes under different management strategies	Silvia Romeo Río	Universidade de Vigo
10:10	10:20	**OC_56_V**	Towards the characterisation of genetic and genomic changes in bacteria-induced tumours of *Arabidopsis thaliana*	Leyre Aramburu González	Universidade de Santiago de Compostela
10:20	10:30	**OC_57_V**	Assessment of heavy metals and pesticides in vineyard subproducts for their use as sustainable soil amendments	Raquel Cela Dablanca	Universidade de Santiago de Compostela
10:30	10:40	**OC_58_V**	Decarbonisation from the territory: Local solutions to reduce the footprint of the Galician dairy sector	Victoria Carballeira Fernández	Universidade de Santiago de Compostela - Medrar Smart Solutions
10:40	10:50	**Questions**			

10:50	**11:20**	**Coffee break**

11:20	12:00	POSTER SESSION - SUSTAINABLE AGRICULTURE AND PLANT PRODUCTION + SUSTAINABLE FOREST MANAGEMENT AND CROSS-CUTTING THEMES + CLIMATE CHANGE + BIODIVERSITY AND GREEN INFRASTRUCTURES			
		PO_41	Chromium adsorption and desorption in a tropical soil under long-term sewage sludge application	Ainoa Míguez González	Universidade de Santiago de Compostela
		PO_42	Nickel sorption dymanisc and availability in a tropical soil under annual sewage sludge application	Ainoa Míguez González	Universidade de Santiago de Compostela
		PO_43	Effect of nanofertilization on *Lactuca sativa* L. development and soil microbial properties	Iria Moreira Suárez	Universidade de Vigo
		PO_44	Filed assessment of NPK-based nanoagrochemicals: effects on wheat grain yield and quality	Cecilia Martínez Castillo	Universidade de Vigo
		PO_45	Influence of heavy metals on ciprofloxacin adsorption/ desorption onto bioadsorbents	Ainoa Míguez González	Universidade de Santiago de Compostela
		PO_46	Barriers and opportunities for the circular transition of the wine sector: insights from a stakeholder survey in southwestern Europe	Raquel Cela Dablanca	Universidade de Santiago de Compostela
		PO_47	Soil heavy metals concentration in three different vineyards located in France, Spain and Portugal	Ana Barreiro Buján	Universidade de Santiago de Compostela
		PO_48	CACHEFAR: A circular-economy amendment from spent coffee grounds, eggshells and iron shavings from mercury- and arsenic-contaminated soil	Lorena Salgado	Universidad de Oviedo
		PO_49	Evaluation of three plants speceis associated with Galician vineyards as potential hosts of *Xylella fastidiosa*	Fernando Lago Pena	Universidade de Santiago de Compostela
		PO_50	Optimization of huitlacoche production in Galicia: evaluation of *Ustilago Maydis* strain crosses, inoculation techniques and doses.	Rodrigo García Cano	Universidade de Santiago de Compostela
		PO_51	First report of *Candidatus Liberibacter europaeus* in psyllids of the genus Arytaina in Galicia, Spain	Mayerli Tatiana Borbón Cortés	Universidade de Santiago de Compostela
		PO_52	Heavy metals in manures and slurries from different livestock and agricultural soils where is added	Ismael Álvarez Hombre	Universidade de Santiago de Compostela
		PO_53	Relationship between live fuel moisture content and sentinel-2 spectral indices in shrubland communities of Lugo province	Cecilia Alonso Rego	Universidad de Léon
		PO_54	Incidence of pine processionary moth (*Thaumetopoea pityocampa*) nests in relation to physiographic and dendrometric factors in pine forest of León	Rodrigo Prieto Cano	Universidad de Léon

		PO_55	Influence of eco-stimulant paste and tapping history on resin yield in *Pinus pinaster* from the northwestern Iberian Peninsula	Iria Martínez Sambade	Universidade de Santiago de Compostela
		PO_56	BEM: A biodegradable bio-stabiliser based on chia mucilage and recycled organic residues for post-fire soil erosion control	Lorena Salgado	Universidad de Oviedo
		PO_57	AFILTER: A low-cost multilayer filter for reducing sediment transport in post-wilfire runoff	Lorena Salgado	Universidad de Oviedo
		PO_58	Climatic sensitivity of woody species of the Brazilian cerrado: A synthesis of dendrochronological studies	Maycon da Silva Teixeira	Universidade de São Paulo
		PO_59	Service-learning and social awareness to face forest fires: a participatory experience in Valdeorras within the framework of the project "Plantando cara el fuego"	Elías Esmerodes Rodríguez	Universidade de Santiago de Compostela
		PO_60	Drought resilience of C3 and C4 turfgrasses for urban green spaces	Aitor Alameda Martín	Instituto Madrileño de Investigación y Desarrollo Rural, Agrario y Alimentario
		PO_61	Analysis of the impact of productive reconversion on the competitiveness iof rice (*Oryza sativa* L.) in Campeche, México	Isaac Abisai Tun Balam	Colegio de Postgraduados, México
		PO_62	Ecological connectivity in river corridors: the Umia River case study	María Dolores Ruiz Maíz	Universidade de Vigo

12:30	**13:20**	**ORAL COMMUNICATIONS - SUSTAINABLE FOREST MANAGEMENT AND CROSS-CUTTING THEMES**			
Moderator		**Oscar López Álvarez, Universidade de Santiago de Compostela**			
Technical Support		**Nerea González Rodríguez**			
12:00	12:10	**OC_59_VI**	Intensity of forest managment applied in the Pacific northwest of the United States	Yago Lestido Cardama	Universidade de Santiago de Compostela
12:10	12:20	**OC_60_VI**	Impact of the 2025 wildfire outbreak on habitat fragmentation and connectivity bluethrout (*Luscinia svecica azuricollis*)	Carmen Argüelles Fernández	Universidad de Oviedo
12:20	12:30	**OC_61_VI**	Trends in damage caused by the Iberian wolf in the principality of Asturias	Andrés Osoro Corsino	Universidade de Santiago de Compostela
12:30	12:40	**OC_62_VI**	To root or not to root: A transcriptomic tale	Bruno Fernández Moreira	Consejo Superior de Investigaciones Científicas
12:40	12:50	**OC_63_VI**	Comparing traditional and neural network based K-nearest neighbor imputation approaches for generating spatially explicit tree lists in Mediterranean pine forests	José Bernardo González Mesquida	Universidad de Valladolid

12:50	13:00	**OC_64_VI**	Forest-level spatial harvest scheduling: A comparative analysis of exact and heuristic optimization methods	Carlos Peco Costas	Universidade de Santiago de Compostela
13:00	13:10	**OC_65_VI**	The decoder, not the architecture, determines the ranking: learned edge selection for vascular graph reconnection	Lois Nodar Corral	Universidade de Santiago de Compostela
13:10	**13:20**	**Questions**			

13:20	**15:00**	**Lunch break**

15:00	**15:30**	**Plenary session (5) «*Understanding tree growth across temporal scales: from xylogenesis to tree rings*», Gonzalo Pérez de Lis Castro - BIOAPLIC Group, Universidade de Santiago de Compostela**

15:30	**16:50**	**ORAL COMMUNICATIONS - CLIMATE CHANGE**			
Moderator		**Raquel Cela Dablanca, Universidade de Santiago de Compostela**			
Technical Support		**Pedro Fiz Rocha Correa**			
15:30	15:40	**OC_66_VII**	Autonomous bathymetric monitoring of reservoirs: accurary assessment and detection of morphosedimentary changes	Rocío López Juanes	Universidade de Santiago de Compostela
15:40	15:50	**OC_67_VII**	UAV-Mounted single-beam sonar for rapid bathymetric monitoring of coastal infraestructure under changing environmental conditions	Bethsaide Souza Santos	Universidade de Santiago de Compostela
15:50	16:00	**OC_68_VII**	Flood risk governance in Galicia: Between technocratic control and relational approaches	Pablo Ferreiro Gómez	Universidade de Santiago de Compostela
16:00	16:10	**OC_69_VII**	Post-mining soils: From carbon sources to potential carbon sinks? Preliminary evaluation of amendment-based restoration inthe Figaredo coal mine spoil heap	Aránzazu Estrada Fernández	Universidade de Santiago de Compostela
16:10	16:20	**OC_70_VII**	A new educational perspective on climate change: The landscape as a didactic setting for the reintegration of natural and human history	Antía Fernández Souto	Universidade de Santiago de Compostela
16:20	16:30	**OC_71_VII**	Development of hybrid timber-concrete structural products using low-carbon concrete (LIFE timber for all project)	Samuel Arias Casares	Rodiñas Estructuras S.L.
16:30	16:40	**OC_72_VII**	Neural network-based modeling of hydrodynamic performance in oscillating water column systems	Borja Álvarez Fernández	Universidade de Santiago de Compostela
16:40	**16:50**	**Questions**			

16:50	**17:10**	**Coffee break**			

12:30	**13:20**	**ORAL COMMUNICATIONS - BIODIVERSITY AND GREEN INFRASTRUCTURES**			
Moderator		**Mateo Fouz, Universidade de Santiago de Compostela**			
Technical Support		**Rocío Valín Morandeira**			
17:10	17:20	**OC_73_VIII**	First genomic assessment of *Corema album* and implications for the conservation of its natural genetic diversity and population structure.	Fernando Cabana Porto	Universidade de Santiago de Compostela
17:20	17:30	**OC_74_VIII**	Assessment of seaweed metabarcoding using mock communities	Vega Martín Broncano	Universidade de Santiago de Compostela
17:30	17:40	**OC_75_VIII**	Assesing spatial variability of algal turfs across multiple scales	Julia Muñoz Acero	Universidade de Santiago de Compostela
17:40	17:50	**OC_76_VIII**	Does cyanobacterial inoculation boost post-fire soil recovery? Successful establishment vs. variable seed-bank responses	Aitor Alameda Martín	Instituto Madrileño de Investigación y Desarrollo Rural, Agrario y Alimentario
17:50	18:00	**OC_77_VIII**	Characterization and historical evolution of vegetation in a restored mining landscape	Lidia Moriano González	Universidad de Oviedo
18:00	18:10	**OC_78_VIII**	From barren tailings to functional soil: A decade of phytostabilization at a Cu-mine site	Marc Romero Estonllo	Universidade de Santiago de Compostela
18:10	18:20	**OC_79_VIII**	Accurate and efficient computation of earthworks in automated linear infrastructure design	Pedro Blanco-Valcarcel	CITMAga
18:20	**18:30**	**Questions**			

18:30	**19:00**	**Closing and awards ceremony**

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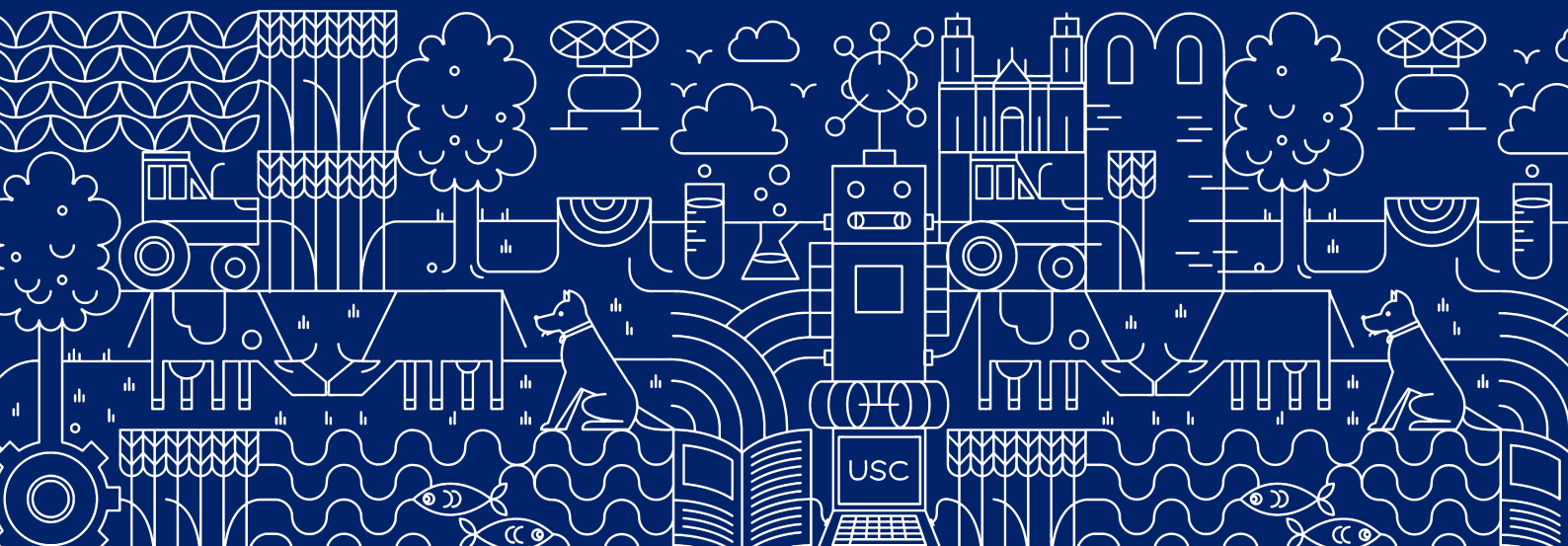
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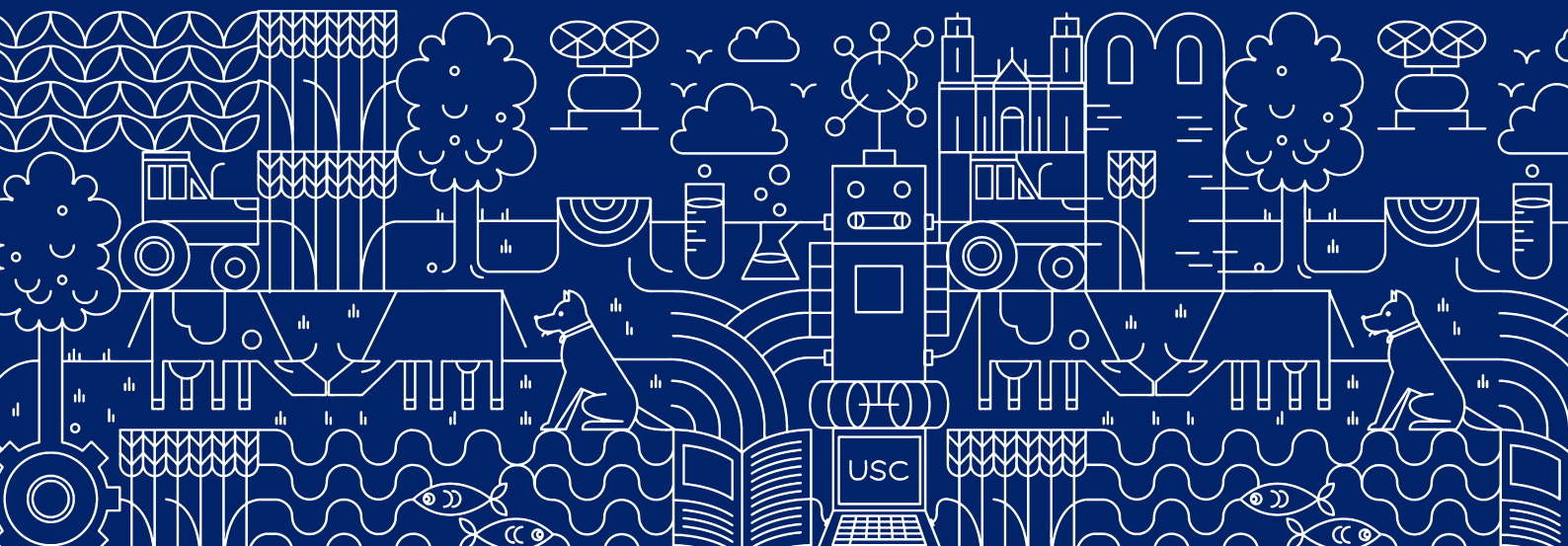
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