Full list of the candidates, their project titles and acronyms

**Adam Koziol** - Do differences in gut microbiomes influence adaptation in vertebrate species? (VertADAPT)

**Alexander Frei** – Classification of non-simple C\*-algebras via ideal-related KK-theory as introduced by James Gabe (IdealKKTheory)

**Atefeh Shadmani** – Single-Photon Sources for Quantum Photonic Integrated Circuits (SPSQIC)

**Athina Geronikou** – Characterization of spoilage yeasts and the mechanisms of interactions with starter cultures in fermented dairy products (YeastInDairy)

**Barbara Dusak** – Effective effector screen for elucidation of effector biological functions (EFFECT)

**Beatriz Fonseca de Mendonca** – *The role of water in protein decay (CRACKLE)*

**Bharath Anila Bhuvanendran Nair** – *Modelling Protein Decay (ModProD)*

**Bikila Soboka Megersa** – Assessment of household food security and dietary diversity and their association with maternal and child nutritional status among pastoral communities of Ethiopia (MCNPCE)

**Camilo Tomazini Pedrollo** – Are demands for forest restoration a chance for socioeconomic development? The role of Agroforestry in the Brazilian Amazon (AGROBRAMAZON)

**Carolina Carvalho Almeida Nogueria** – *Engineering microbiomes: Towards precision agriculture (MicrobiomeEngineering)*

**Cassandra Maya** – *Assessing the efficacy of food processing and legislature on the safety of edible insects: A comparison of the influence of technologies and resources (SOEI)*

**Concetto Emanuele Bugliarello** – *Multilingual Multimodal General-Purpose Language Modeling (M2LM)*

**Dang Vu Hoai Nam** – Using choice experiments and the theory of planned behaviour to model the determinants of demand for rhino horn in Vietnam (RhinoHornConsumerBehavior)

**Davide Visintainer** – Accelerated domestication of the naturally resilient crop Chenopodium quinoa (QuiNova)

**Dinah Parker** – Understanding the role of phenotypic plasticity and cryptic genetic variation in fungal pathogen host-shifts (SHIFT - Shifting Hosts in Insect Fungal experimenT)

**Dóra Székely** – Monitoring beaked whale species with environmental DNA (BeakedWhalEDNA)

**Dustin Wright** – Data Enrichment to Advance Scientific Information Extraction (DEASIX)

**Eric Planz** – Mechanically mediated microwave-optical entanglement (MMMOE)

**Evangelos Kipouridis** – *Upper and Lower Bounds on Ancestor/NCA Labeling Schemes for Dynamic Trees (ULBALSDyT)*

**Francesco Campagna** – *Arithmetic of Elliptic Curves (AEC)*

**Gerard Arrey** – Atlas of circular DNA across organs, tissues and cells of mice (circAtlas)

**Gregor Lützenburg** – *Coastal Erosion of Greenland Abstract (CE-Green)*

**Heather Lent** – Multilingual Semantic Partsing with Reinforcement Learning (RLSM)

**Jaime Caballer Revenga** – Deep learning and UAV LiDAR systems for assessing carbon stocks in cropland and forest areas (MapCland)

**Jeffrey Adams** – Structural Learning from Heterogeneous Data (SLHD)

**Jennifer van der Horst** – *Unraveling the precise mechanism behind functional sympatholysis (UFS)*

**Jinwen Ye** – Rebalancing in the First-mile Ride-sharing Problem (RFMRP)

**Karla Parga Martinez** – *An anth****r****opog****e****nic ar****c****hive of plastic p****o****llution in G****r****eenlan****d*** *(RECORD)*

**Kedra Ousmael** – *Implementation of high throughput DNA markers for new breeding tactics of forest* tree species (BREFORTREE)

**Lara Magni** – Role of ATP and P2X7 receptor in pancreatic cancer (P2X7R-PaCa)

**Laura Cristina Viñas Caron** – PRiSM - Parchment manuscript as a biomolecular archive: a novel approach for understanding the origin of Spanish Merino (PRiSM)

**Laura Milena Forero Junco** – Exploring viral populations’ diversity patterns and their associated drivers on the wheat phyllosphere (PhylloVir)

**Leonardo Fabris** – Institutional development and business strategies in the wind turbine industry: a comparative analysis between WEG, Vestas and Goldwind (WindTurbineIndustry)

**Linnea Worsøe Havmøller** – *Carnivore Ecology and Dispersal in a Human-Dominated Landscape (CED)*

**Lorenzo Beretta** – *Graph Sampling and Topology-Oblivious Graph Alorithms (GraphSample)*

**Lucas Leon Peralta Ogorek** – *Roots in armour – a feature induced to protect against intrusion of soil phytotoxins (RiA)*

**Luigi Pagano** – *Dlt-zeta functions for degeneration of Hilbert schemes of K3 surfaces (DLTZF)*

**Marc Fradera-Soler** – Characterisation and evolution of succulence-related anatomical and physiological traits in the leaf-succulent genus Crassula (SucculentPlants)

**Marco Merusi** – Calibration and Interpretation of NASA Mars 2020 Rover images from Jezero Crater, Mars (MarsCalIntRov)

**Margherita Tonolini** – An industry applicable method for measurement of cheese microstructure and prediction of functional properties (MicroCheese)

**Maria del Mar Moure Peña** – The role of sources of uncertainty and temporal biases in climate change (in)action (UnBiAs (Uncertainty, biases & adaptation))

**Maurizio Junior Chiurazzi** – *The control of flowering time in Medicago sativa (MedicagoFlowering)*

**Max William Moog** – Raising quinoa: an orphan crop that is healthy and ready for a changing climate (RaisingQuinoa)

**Meriel Jennifer Bittner** – *Vitamin B1 limitation of bacterioplankton in coastal temperate waters (B1- Ocean)*

**Muriel Leandra Schicketanz** – *Molecular Regulation of SpoT (MRST)*

**Naomi Alcaide Manthey** – *Shrinkage and Change in an Urbanising World: Perspectives from the Global South (SCUW)*

**Nils Valentin Hauff**

**Nora Forbes** – *Expanding non-parametric survival methods in radiotherapy using variable extraction from medical image analysis – Medical Image Assisted Survival Analysis (MIASA)*

**Oliver Sandberg** – *Theory of Hybrid OptoMechanical and Atomic Systems (THOMAS)*

**Oscar Alberto Rojas Castillo** – Assessing the impacts of oil palm monocrops and land-use change in freshwater ecosystem functions, services, and biodiversity (COABES - Consequences of Oil palm on Aquatic Biodiversity and Ecosystem Services)

**Paula Belzig** – *Entropy Inequalitites (ENT\_INEQ)*

**Pepa Atanasova** *– Tailoring knowledge for machine reading comprehension in both rich and scarce in resource languages and domains (TALENT)*

**Ran Feng** – Understanding protein structure formation during shear processing (Protein Structuring)

**Renfei Liu** – *Digitalization of the Dental Industry through Deep Learning (DigiDentLearn)*

**Rodrigo Laigner** – Consistent and Low-Coupled Distributed Architecture for Edge Computing (CLDA)

**Saeed Masoudian** – Adaptive Tsallis Regularization for the Simplex Domain (Adaptive Regularization)

**Sanne Moedt** – Primary producers in Greenland lakes: biodiversity and productivity across time and space (PPiGL)

**Sara Miller** – Creating a virus resistant garlic (Allium sativum) variety with CRISPR/Cas9 (VirusResistantGarlic)

**Sebastian Garcia Lopez** – *LEarning Sequence-structure RElationships in Proteins (LESREP)*

**Severin Mejak** – *Games in descriptive set theory (GamesInDST)*

**Shaghayegh KeshaniDokht** – Potential application of edible oleogel based on hydroxypropyl methyl cellulose and Arabic gum as partial substitutes of palm oil in functional chocolate spread (CHESoleogel)

**Sofie Mortensen** – Gender and Generational Equality in Rural Transitions: A Feminist Political Ecology of Changing Livelihoods in Myanmar (EqualTransitions)

**Tang Cam Phung Pham** – *Novel molecular players in metabolic adaptations to exercise (NOMINEE)*

**Thomas van Gemert** – Leveraging characteristics of human perception to create improved user experiences in suboptimal future Virtual Reality scenarios (XRDreams)

**Tuuli Kasso** – Divine Animals - Beeswax as a Reservoir of Ancient Proteins for Medieval Husbandry Practices and Trade (DivineAnimals)

**Victor von Wachter** – *Building financial infrastructure on distributed ledger technology (DeFi)*

**Yang Wang** – Carbon-Based Optical Nanomaterials for Antimicrobial and Identification Systems (CBONAIS)

**Yijing Li** – Mathematical foundation and inference for admixture graphs (admixGraphs)

**Yinqi Tang** – Plant, biochar and zero-valent iron for in-situ remediation of chromated copper arsenate contaminated soil (Plant, Biochar and Zero-Valent Iron Combination Technology)

**Yi-Shan Wu** – Theoretical understanding of lifelong learning (Lifelong Learning)

**Zoë Sakura Ogahara** – Smallholder palm oil growers and sustainability in Southeast Asia: An interdisciplinary assessment (SPOGAS (Smallholder palm oil growers and sustainability)

*For various reasons, it is not possible to disclose the names, project acronyms and project titles of three of the candidates.*