First name	Last name	Current title of PhD project (to be shared with other participants)	PhD Programme
Anders	Dalskov	Practical cryptography	Computer Science
Andrés	Villa Henriksen	In-field traffic intensity reduction as a means to increase yield quantity and quality	Engineering
Ann Julie Utne	Holt	Designing 2D Materials	Physics and Astronomy
Anne	Aagaard	The relative role of local adaptation and plasticity in the distribution of a social spider species with extremely low genetic diversity	Bioscience
Arnthrudur	Gisladottir	Urban Tranquility - Holistic design method for the urban acoustic environment	Engineering
Bjarke	Svane	Electron densities of molecular crystals from powder X-ray diffraction	Chemistry
Bjarke	Madsen	Understanding grassland diversity dynamics using drone-based remote sensing	Bioscience
Charlotte	Robertsen	Genomic Selection in winter-barley	Molecular Biology and Genetics
Chloe	Malinka	Biosonar dynamics: foraging in a multi-target world	Bioscience
Chuanzhou	Liang	Enantioselective processes of chiral micropollutants in biofilm reactors	Environmental Sciences
Daina	Romeo	European-level modelling of local green resources and biorefinery systems – LCA and socio-economic assessment	Environmental Sciences
Dennis	Johnsen	PCID2, a new co-factor of the Nuclear RNA Exosome	Molecular Biology and Genetics
Dominique	Evans	Advanced single-molecule optical microscopy and photonics to investigate the production, localisation, and interactions of adhesive proteins in Staphylococcus biofilms	Nanoscience
Doreen	Metto	Control of psychrotrophic Bacillus cereus in chilled dairy products	Food Science
Ece	Kilic	Vitamin D fortification with enhanced bioavailability	Food Science
Emil Christian	Poulsen	Structural and functional characterization of TFGBIp and interaction partners.	Molecular Biology and Genetics
Emilie Hage	Mogensen	Characterization of proteins involved in maintaining tissue transparency and homeostasis	Molecular Biology and Genetics
Guilherme	Amorim Franchi	Behavioural effects of drying-off in dairy cows	Animal Science
Henrik	Pedersen	Structural basis of neuroinflammation	Molecular Biology and Genetics
Henrik	Lund Mortensen	Machine learning in search for surface structures with Density Functional Theory	Physics and Astronomy
Ida	Larsen-Ledet	The Role of Privacy in Common Interactive Objects	Computer Science
IJu	Lo	Brain tissue and biofluid associated circRNAs as biomarkers and causative agent in aging and neurological diseases	Nanoscience
Jakob	Raffn	How can LCA and novel Water Fotprint methods contribute to Context Based Sustainability and aid in facilitating a transition from a singular to a multi-capital economy?	Agroecology
Jeppe	Bayley	Why do insects die at low temperature? Understanding the physiological dysfunctions during cold-stress	Bioscience
Jesper Hasseriis Mohr	Jensen	Many-body dynamics in an optical lattice	Physics and Astronomy
Jinlong	Yu	Shape controlled supercritical synthesis of TiO2 nanoparticles for applications in environmental catalysis	Nanoscience
Johan	Bay	Using logic to reason about security properties of programs	Computer Science
Johanna Maria	Pedersen	Ammonia emissions dynamics following land application of liquid manure	Engineering

Jonathan	Juhl	High resolution visualization of memory-associated proteins using cryo-electron microscopy	Nanoscience
Julia Carolina	Mata	Ecological Effects of Rewilding Wetlands in Corrientes, Argentina	Bioscience
Julie	Christensen	Enhancing phosphorus utilization by adapting the use of cover crops to soil type and P status	Agroecology
Junxiang	Peng	Managing and Optimising Irrigation by Satellite and Small Unmanned Air Vehicle Telemetry	Agroecology
Katrine Mandrup	Nielsen	Circular RNAs in neuronal differentiation	Molecular Biology and Genetics
Khem	Gautam	Effective indoor climate and air quality control via optimal ventilation air distribution	Engineering
Kirstine	Thiemer	Ecophysiological trait variability in species within the genus Potamogeton	Bioscience
Klara	Volckaert	Ultrafast dynamics of two-dimensional Dirac materials	Physics and Astronomy
Kristian Knakkergaard	Nielsen	Dynamics of impurities in quantum gasses	Physics and Astronomy
Leanne	Peixoto	Climate change mitigation	Agroecology
Lone	Juul	Resource efficient feeding strategies in organic pig production	Agroecology
Louise	Dalskov	Understanding the molecular mechanisms of innate immune deficiencies	Molecular Biology and Genetics
Malthe	Bisbo	Machine learning in search for surface structures with density functional theory	Physics and Astronomy
Maria	Hansen	Potential health benefits by extracellular vesicles in milk on intestinal epithelial barrier function and immune system	Molecular Biology and Genetics
Marit	Ohlenbusch	Modular Reasoning about Concurrent Higher-Order Imperative Programs	Computer Science
Mark	Haastrup	Synthesis and characterization of supported 2D-materials based on metal-oxides and sulfides	Nanoscience
Mathias	Thøgersen	Development of novel asymmetric reactions utilizing organocatalysis	Chemistry
Mathias Mørck	Ljungdahl	Statistical and Probabilistic Aspects of Ambit Fields	Mathematics
Mette	Vodder Carstensen	Future land and water management: Water quality impacts and efficiency of mitigation measures	Bioscience
Mette	Duerlund Hansen	Post-ingestive Sensations in Healthy Eating Behaviour	Food Science
Michelle	Møhlenberg	Establishing an in vitro cell system for investigating interferon lambdas influence on liver inflammation (Molecular Medicine)	Molecular Biology and Genetics
Moisès	Coll Macià	X chromosome diversity patterns in Great Apes	Computer Science
Monica	Rohde Madsen	From CO2 to polymers	Nanoscience
Nasar	Khan	Interaction of bacterial biofilm proteins with fibronectin.	Nanoscience
Nikolaj	Ravn	Attosecond transient absorption spectroscopy in molecules	Physics and Astronomy
Pernille	Trant	Geoarchaeology of the early northern cities: microscopic and geochemical investigations of urban spaces in Denmark	Geocience
Raphael	Filippelli	The economics of targeted and differentiated environmental regulation: Linking land based and marine production systems accounting for cross system effects.	Environmental Sciences
René S.	Nilsson	Towards autonomy in farming operations: Logistics optimization	Engineering
Sara Basse	Hansen	Calcium transport at atomic resolution and by single molecules	Molecular Biology and Genetics
Sebastián	Escobar	Gene flow in Phytelephas aequatorialis""	Bioscience

Seven	Nazipi	Isolation and Characterization of Antimicrobial Drug-producing Bacteria from Social Spiders	Bioscience		
Simon Oddershede	Gregersen	Security in Server-Side JavaScript	Computer Science		
Sundas	Rani	Glyphosate: A sustainable energy source?	Animal Science		
Søren	Skovsen	AI-assisted Inspection of Clover Grass Fields based on Deep Learning for Targeted Fertilization.	Engineering		
Søren	Meldgaard	Machine learning in search for surface structure with Density Functional Theory	Physics and Astronomy		
Thomas	Bækkegaard	Studying exotic spin models with superconducting circuits	Physics and Astronomy		
Thomas	Kabel	Wave Measurements Using LIDAR Technology	Engineering		
Thomas Guldager	Skov	Quantum Physics with Mixtures of Ultracold Atomic Gases	Physics and Astronomy		
Tobias	Sandfeld	Social Spiders as Source for Novel Antimicrobial Drugs	Bioscience		
Tomas	Kulik	Smart industrial products	Engineering		
Trine	Schwennesen	Provenance food (research project ProvenanceDK)	Agroecology		
Tzu-Hsin	Chen	Individual resilience to climate change in sustainable cities in Europe and Southeast Asia: a social divide?	Environmental Sciences		
Xiaochen	Chen	Characterization of the Relationship between the Thermostabilities of Thermophilic Glycosidases and Their Structures through Microscopy such as AFM	Bioscience		
Yehualashet	Mengstu	Exploring and developing membrane based solutions: Membrane bioreactor coupled to forward osmosis for organic micropollutant removal	Environmental Sciences		
Yetong	Xu	Associations between intestinal dietary fiber degradation, microbiota composition, production and absorption of short chain fatty acid (SCFA) and metabolic response	Animal Science		
Yi	Cai	Effects of aqueous dissolved matter on photodegradation of biocides from render	Environmental Sciences		