

**Ubuntu Proteomics Summer School 2024**  
Preliminary Program Overview  
4 to 10 Feb 2024

Sunday, 4 February 2024	Monday, 5 February 2024		Tuesday, 6 February 2024		Wednesday, 7 February 2024		Thursday, 8 February 2024		Friday, 9 February 2024		Saturday, 10 February 2024		
	Track I - Concepts	Track II - Applications	Track I - Concepts	Track II - Applications	Track I - Concepts	Track II - Applications	Track I - Concepts	Track II - Applications	Track I - Concepts	Track II - Applications			
Facilitators and participants arrive throughout the day	07h00 to 08h30 Breakfast		07h00 to 08h30 Breakfast		07h00 to 08h30 Breakfast		07h00 to 08h30 Breakfast		07h00 to 08h30 Breakfast		07h00 to 10h00 Breakfast		
	09h00 to 10h30 <b>Proteomics intro + Quantitative LCMS proteomics methods (Part I)</b> PD Dr Ute Distler	09h00 to 10h30 <b>Pros / Cons of relative quantitation approaches</b> Prof Bernhard Kuster	09h00 to 10h30 <b>Peptide and protein identification (Part I)</b> Prof Bernhard Kuster	09h00 to 10h30 <b>Case Study, Ion Mobility Mass Spectrometry (Part I)</b> PD Dr Ute Distler & Prof Florian Meier	09h00 to 10h30 <b>Interpreting bottom-up proteomics data visualizations</b> Prof Florian Meier	09h00 to 10h30 <b>Case Study: Focus on DIA data quality part I (session name TBC)</b> Dr Lindsay Pino & Prof Brian Searle	09h00 to 10h30 <b>Quality control for proteomics</b> Dr Lindsay Pino	09h00 to 10h30 <b>Case Study session: Topic TBC</b> Speaker TBC	08h30 to 10h00 <b>Experimental Design/Biostatistics, tutorial</b> Devon Kohler		Check out by 10h00 Various shuttles to the airport (transportation to be pre-booked)		
	10h30 to 11h00 Tea break		10h30 to 11h00 Tea break		10h30 to 11h00 Tea break		10h30 to 11h00 Tea break		10h00 to 10h30 Tea break				
	11h00 to 12h30 <b>Quantitative LCMS proteomics methods (Part II, covers PTMs)</b> Prof Allan Stensbale	11h00 to 12h30 <b>DIA focus</b> Prof Jesper V Olsen	11h00 to 12h30 <b>Peptide and protein identification (Part II)</b> Prof Lars Juhl Jensen	11h00 to 12h30 <b>Case Study, Ion Mobility Mass Spectrometry (Part II)</b> PD Dr Ute Distler & Prof Florian Meier	11h00 to 12h30 <b>Focus on chromatography</b> Prof Bernhard Kuster	11h00 to 12h30 <b>Case Study: Focus on DIA data quality part II (session name TBC)</b> Dr Lindsay Pino & Prof Brian Searle	11h00 to 12h30 <b>Functional data annotation tips, tricks &amp; pitfalls</b> Prof Lars Juhl Jensen		10h30 to 12h00 <b>Case Study: Functional annotation (Cytoscape hands-on)</b> Prof Lars Juhl Jensen	12h00 to 13h00 <b>Proteomics in industry &amp; Closing</b> Speakers TBC			
	12h30 to 13h30 Lunch		12h30 to 13h30 Lunch		12h30 to 13h30 Lunch		12h30 to 13h30 Lunch		13h00 to 14h00 Lunch				
	13h30 to 14h00 Vendor sponsored presentation (x1 slot of 30min)		13h30 to 14h00 Vendor sponsored presentation (x1 slot of 30min)		13h30 to 14h00 Vendor sponsored presentation (x1 slot of 30min)		13h30 to 14h00 Vendor sponsored presentation (x1 slot of 30min)		14h00 to 18h00 Optional Delegate Experience Bothongo Rhino & Lion Park  <b>Bookings are essential Not included in student registration fees At own expense</b>				
	14h00 to 16h00 <b>Check-in &amp; Registration</b>	14h00 to 15h30 <b>Sample collection &amp; preparation basics</b> PD Dr Ute Distler & Dr Stoyan Stoychev	14h00 to 15h30 <b>Discovery to verification, (MS and Non-MS approaches)</b> Prof Allan Stensbale & TBC	14h00 to 15h30 <b>Peptide quantification</b> Prof Brian Searle	14h00 to 15h30 <b>Case study: PTM focus</b> Prof Jesper V Olsen & Dorte B. Bekker-Jensen	14h00 to 17h00 <b>Team Building Activity</b>		14h00 to 15h30 <b>Experimental Design/Biostatistics</b> Devon Kohler					
15h30 to 16h00 Tea break		15h30 to 16h00 Tea break						15h30 to 16h00 Tea break					
16h30 to 18h30 <b>Official Welcome &amp; Opening of UPSS 2024</b>  Meet & Greet the Facilitators and Vendors	16h00 to 17h00 Round Table discussions (Meet the experts format) & Dataset specific groups		16h00 to 17h00 Round Table discussions (Meet the experts format) & Dataset specific groups		17h00 to 18h00 Technology focussed Technical workshop (up to two in parallel)		16h00 to 17h00 Round Table discussions (Meet the experts format) & Dataset specific groups						
17h00 to 18h00 Career journey session Speakers TBC		17h00 to 18h00 Technology focussed Technical workshop (up to two in parallel)		17h00 to 18h00 Technology focussed Technical workshop (up to two in parallel)			17h00 to 18h00 Technology focussed Technical workshop (up to two in parallel)						
18h30 Welcome Drinks at the Riverlapa		18h30 to 19h30 Poster session		18h30 Welcome Drinks at Glenpalms			18h30 to 19h30 Poster session						
19h00 Dinner - Main Dining Area	19h30 Dinner - Traditional Braai at the Riverlapa		19h30 Dinner - Main Dining Area		19h30 Dinner - Beach Themed Dinner at Glenpalms		19h30 Dinner - Main Dining Area		19h00 Dinner - Main Dining Area				
20h00 to 21h00 The Cradle and it's significance Speaker TBC  Paleoproteomics Prof Jesper V Olsen			20h30 Poster session continued				20h30 Poster session continued						