



# MaxQuant Summer School 2019

## Program

<b>Wednesday (July 24)</b>	1:30 PM – 1:40 PM	0:10	Lecture	Introduction and course opening	Jürgen Cox
	1:40 PM – 2:35 PM	0:55	Lecture	L1: MaxQuant basics I	Petra Gutenbrunner
	2:35 PM – 3:30 PM	0:55	Lecture	L2: Andromeda	Petra Gutenbrunner
	3:30 PM – 4:00 PM	0:30	Coffee break		
	4:00 PM – 4:40 PM	0:40	Lecture	L3: TBA	Jürgen Cox
	4:40 PM – 5:20 PM	0:40	Lecture	L4: Label free quantification	Christoph Wichmann
	5:20 PM – 6:00 PM	0:40	Lecture	L5: TopDown	Nagarjuna Nagaraj & Christoph Wichmann
	6:00 PM – 8:00 PM	2:00	Bootcamp	BC1: Absolute beginners	Jürgen Cox
Bootcamp			BC2: Machine learning	Shivani Tiwary	
Bootcamp			BC3: New MaxQuants	Nagarjuna Nagaraj & Christoph Wichmann	

<b>Thursday (July 25)</b>	9:00 AM – 9:45 AM	0:45	Lecture	L6: Plenary Lecture	Nicolai Slavov
	9:45 AM – 10:30 AM	0:45	Lecture	L7: NGS in MaxQuant	Sung-Huan Yu
	10:30 AM – 11:00 AM	0:30	Coffee break		
	11:00 AM – 11:45 AM	0:45	Lecture	L8: Cross linking MS	Jürgen Cox
	11:45 AM – 12:30 PM	0:45	Lecture	L9: MaxQuant output tables	Nagarjuna Nagaraj
	12:30 PM – 1:30 PM	1:00	Lunch		
	1:30 PM – 2:10 PM	0:40	Lecture	L10: Dependent peptides	Shivani Tiwary
	2:10 PM – 2:50 PM	0:40	Lecture	L11: MaxQuant basics II - Ion Mobility	Jürgen Cox
	2:50 PM – 3:30 PM	0:40	Lecture	L12: MaxQuant.Live	Christoph Wichmann
	3:30 PM – 4:00 PM	0:30	Coffee break		
	4:00 PM – 4:40 PM	0:40	Tutorial	T1: Configuration of Andromeda	Petra Gutenbrunner
	4:40 PM – 5:20 PM	0:40	Tutorial	T2: Viewer	Jürgen Cox
	5:20 PM – 6:00 PM	0:40	Tutorial	T3: How to run MaxQuant	Nagarjuna Nagaraj
	6:00 PM – 8:00 PM	2:00	Bootcamp	BC4: Palaeo-proteomics	Petra Gutenbrunner
Bootcamp			BC5: Perseus plug-in programming	Shivani Tiwary & Sung-Huan Yu	
Bootcamp			BC6: MaxQuant.Live	Christoph Wichmann	

<b>Friday (July 26)</b>	9:00 AM – 9:45 AM	0:45	Lecture	L13: Plenary Lecture II	Sean Hackett
	9:45 AM – 10:30 AM	0:45	Lecture	L14: Perseus and statistics	Jürgen Cox
	10:30 AM – 11:00 AM	0:30	Coffee break		
	11:00 AM – 11:45 AM	0:45	Lecture	L15: Computational PTM proteomics	Kirti Sharma
	11:45 AM – 12:30 PM	0:45	Lecture	L16: Advanced applications	Sung-Huan Yu
	12:30 PM – 1:30 PM	1:00	Lunch		
	1:30 PM – 2:45 PM	1:15	Tutorial	T4: Perseus I - Basics	Christoph Wichmann
	2:45 PM – 3:30 PM	0:45	Tutorial	T5: Perseus II - Multi-Omics	Sung-Huan Yu
	3:30 PM – 4:00 PM	0:30	Coffee break		
	4:00 PM – 4:40 PM	0:40	Tutorial	T6: Perseus III - Interactions	Jürgen Cox
	4:40 PM – 5:20 PM	0:40	Tutorial	T7: Perseus IV - PTMs	Kirti Sharma
	5:20 PM – 6:00 PM	0:40	Tutorial	T8: Perseus V- Networks	Shivani Tiwary
	6:00 PM – 6:30 PM	0:30	Lecture	L17: Current developments	Jürgen Cox