

Course: Smartphone-based Food Analysis (SFA)

Programme of the 1st edition, 2017



Week 26: 26-30 June, 2017

H2020 Marie-Curie project FoodSmartphone in co-operation with Graduate School VLAG

Course Director: Prof. Michel W.F. Nielen

Course organizer: Mrs. Chantal Doeswijk (Graduate School VLAG)

Co-organizer: Mr. Wim Beek (H2020 FoodSmartphone project)

Monday, 26 June 2017

10:30	Registration with coffee / tea	
11:15-11:30	Welcome, short introduction to the programme	Prof. Michel Nielen (RIKILT, WU)
11:30-12:30	Setting the scene 1: EU monitoring practices	Dr. Leen van Ginkel (RIKILT)
12:30-13:30	<i>Lunch (Orion building #103)</i>	
13:30-13:45	<i>Group photo outside Orion</i>	
13:45-14:45	Setting the scene 2: the RASFF	Dr. Hans Marvin (RIKILT)
14:45-15:45	Validation and benchmarking of screening assays	Dr. Bjorn Berendsen (RIKILT)
15:45-16:15	<i>Coffee, tea & refreshments</i>	
16:15-17:15	Foodsmartphone concepts	Prof. Michel Nielen (RIKILT, WU)
17:15-18:00	Introduction to hot paper studies	Prof. Michel Nielen (RIKILT, WU)
19:00-21:00	<i>Course Dinner (downtown)</i>	

Tuesday, 27 June 2017

08:30-09:00	<i>Coffee & tea</i>	
09:00-10:00	Biorecognition	Dr. Monique Bremer (RIKILT)
10:00-11:00	Ligand binding assays	Dr. Monique Bremer (RIKILT)
11:00-11:30	<i>Coffee & tea</i>	
11:30-12:30	How to speed-up binding assays	Dr. Monique Bremer (RIKILT)
12:30-13:45	<i>Lunch (Orion building # 103)</i>	
13:45-15:45	Hands-on labwork (1-20, Forum building)	Comm. workshop (21-40, RIKILT building)
		ing. Jeroen Peters (RIKILT)
15:45-16:15	<i>Coffee, tea & refreshments</i>	Bos Matchworks
16:15-17:15	Hands-on labwork (continued)	Comm. workshop (continued)
		ing. Jeroen Peters (RIKILT)
17:15-18:00	Happy hour debates (RIKILT building)	Bos Matchworks
		Prof. Michel Nielen (RIKILT, WU)

Wednesday, 28 June 2017

08:30-09:00	<i>Coffee & tea</i>	
09:00-10:00	Surface Chemistry	Prof. Han Zuilhof (Organic Chemistry, WU)
10:00-11:00	Membranes and microsieves	Prof. Cees van Rijn (Aquamarijn microfiltration)
11:00-11:30	<i>Coffee & tea</i>	
11:30-12:30	Electrochemical detection	Dr. Dr. Louis de Smet (Organic Chemistry, WU)
12:30-13:45	<i>Lunch (Orion building)</i>	
13:45-14:45	Hot paper debates	Prof. Michel Nielen (RIKILT, WU)
14:45-15:45	Optical detection	Prof. Michel Nielen (RIKILT, WU)
15:45-16:15	<i>Coffee, tea & refreshments</i>	
16:15-17:15	Microfluidics	Prof. Daniel Filippini (Linköping University, SE)
17:15-18:00	Happy hour presentations 1-5	Prof. Michel Nielen (RIKILT, WU)
18:15-21:30	ESRs business meeting (ESRs only)	Dr. Arjen Gerssen (RIKILT)

Thursday, 29 June 2017

08:30-09:00	<i>Coffee & tea</i>	
09:00-10:00	CAD, 3D printing	Prof. Daniel Filippini (Linköping University, SE)
10:00-11:00	Image data handling	Dr. Jeroen Jansen (Radboud University)

11:00-11:30	<i>Coffee & tea</i>			
11:30-12:30	Commercial smartphone assays		Mr. R. Niemeyer (R-Biopharm AG)	
12:30-13:45	<i>Lunch (Orion building)</i>			
13:45-15:45	Hands-on labwork (21-40, Forum building)	Comm. workshop (1-20, RIKILT building)	ing. Jeroen Peters (RIKILT)	Bos Matchworks
15:45-16:15	<i>Coffee, tea & refreshments</i>			
16:15-17:15	Hands-on labwork (continued)	Comm. workshop (continued)	ing. Jeroen Peters (RIKILT)	Bos Matchworks
17:15-18:00	Happy hour presentations 6-10		Prof. Michel Nielen (RIKILT, WU)	

Friday, 30 June 2017

08:30-09:00	<i>Coffee & tea</i>			
09:00-10:00	Smartphone-based NIR scanners		Dr. Yannick Weesepeel (RIKILT)	
10:00-11:00	Mobile Microscopy, Sensing and Diagnostics through Computational Photonics		Prof. Aydogan Ozcan (UCLA, Los Angeles, USA)	
11:00-11:30	<i>Coffee & tea, meet the expert</i>			
11.30-11.45	Course certificates			
11:45-12:45	<i>Farewell Lunch (Orion building)</i>			
12:45-16:15	ESRs e-newsletter (ESRs only)		Mr. Wim Beek (RIKILT)	