TrustEat

Building a trusty future food system
by using blockchain tech

SUMMER SCHOOL 2021

* All times are displayed in Western European Summer Time (WEST)

Day 1 | 30th August
Basics

	Activity	Topic	Speakers
09:00 - 09:30h	Welcome	Project presentation and Agenda	Lorenzo Pastrana and Nuria Barros (INL)
09:30 - 10:30h	General Intro to Blockchain & Food	Why Blockchain in the Food industry?	Gero Dittmann (IBM Research Europe), Mireille van Hilten (WUR)
	Break		
11:00 - 12:00h	Session on careers	Blockchain in the Human Capital Agenda in the Netherlands Careers paths at IBM Research Panel Session	Lan Wassenaer and Mireille Van Hilten (WUR), Patrick Ruch (IBM) Marta Prado (INL)
	Lunch Break		
14:00 - 15:00h	Tutoring Support (tutoring just for INLers)	Support provided by tutors and presentation of each of them	Nuria Barros (INL)

Day 2 | 31st August
Application Layer

	Activity	Topic	Speakers
09:00 - 09:30h	Application Area Presentation		Mireille van Hilten (WUR)
09:30 - 11:30h	Seminars (Virtual Training)	Blockchain experiments/experiences	Koos van der Meij (WUR)
	Lunch Break		
13:00 - 14:30h	Scientific Lecture	Developing a blockchain application for a succesful use case	Mireille van Hilten and Lan Wassenaer (WUR)
14:30 - 15:30h	Individual meetings (tutoring just for INLers)	Application Layer tutoring	Mireille van Hilten and Lan Wassenaer (WUR)

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Day 3 | 1st September
Digital Layer

	Activity	Topic	Speakers
09:00 - 09:30h	Digital Area Presentation	Data science and economics	Lan Wassenaer (WUR)
09:30 - 11:30h	Scientific Lecture	Blockchain: From Basics to Hyperledger Fabric	Alessandro Sorniotti (IBM Research Europe)
	Lunch Break		
13:00 - 14:30h	Seminars (Virtual Training)	Practical software engineering 101	Florian Froese (IBM Research Europe)
14:30 - 15:30h	Individual meetings (tutoring just for INLers)	Digital Layer tutoring	Gero Dittmann, Patrick Ruch (IBM Research Europe)

Day 4 | 2nd September
Physical Layer

	Activity	Topic	Speakers
09:00 - 09:30h	Physical Area Presentation	Physics meets food safety - how food supply chains benefit from advanced technology	Marta Prado (INL), Patrick Ruch (IBM Research Europe)
09:30 - 11:00h	Seminars (Virtual Training)	Nanoscale plasmonic and metasurface-based sensors	Emanuel Lörtscher and Giulia Prone (IBM Research Europe)
	Break		
11:15 - 12:30h	Scientific Lecture	Physical unclonable tags	Sebastián Velasco (INL)
	Lunch Break		
15:30 - 16:30h	Individual meetings (tutoring just for INLers)	Physical Layer tutoring	Lorenzo Pastrana Marta Prado (INL)

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Day 5 | 3rd September
Networking day

Time	Activity	Topic	Speakers
09:00 - 09:15h	DISH Satellite Event: Welcome	DISH Consortium: Food Safety from a Global Perspective	Lorenzo Pastrana (INL)
09:15 - 10:00h	DISH Satellite Event: Lecture	Our food's journey: tracing, transparency and sustainability	Henning Høgh Jensen (DTU)
10:00 - 10:45h	DISH Satellite Event: Lecture	Introducing novel technologies in the food system: a consumer perspective	Håkan Jönsson, Associate Professor, Lund University, Department of Food Technology, Engineering & Nutrition Chairman, DISH Global Centre for Food Safety and Quality
	Break		
11:15 - 12:00h	DISH Satellite Event: Lecture	Impact of COVID-19 Pandemic on Food Safety: Challenges and Opportunities	Prof. Terence Lau, Convener, Food Safety Consortium, PolyU
12:00 - 12:45h	DISH Satellite Event: Lecture	Detection, prevention, compliance, harmonization and data sharing. The strategy to beat fraud at a global level, through the study of a real case.	Tullia Gallina Toschi, University of Bologna
12:45 - 13:00h	DISH Satellite Event: Closing		Lorenzo Pastrana (INL)
	Lunch Break		
14:00 - 15:00h	Networking event	Quizz and Prize Wine Tasting INL virtual tour	