



14th Symposium of the
Scientific Committee of the
Belgian Food Safety Agency

PROGRAMME

Big data in the food chain: the un(der)explored goldmine?

Tuesday, 4th December 2018

Pacheco auditorium
Finance Tower
Pachecolaan/Boulevard Pachéco 13
1000 Brussels
Belgium

9:00	REGISTRATION
9:30	Welcome Etienne Thiry (<i>ULiège – Chairman SciCom</i>)
9:40	Introduction – Big data definition and objectives of the symposium Jeroen Dewulf (<i>UGent – SciCom member</i>)
Session 1: <u>Big data sciences</u> Chair: Lieve Herman (<i>ILVO, Vice-chairman SciCom</i>), Jeroen Dewulf (<i>UGent, SciCom member</i>)	
9:55	Mining Spaghetti and Lasagna Processes: Bridging the Gap Between Data Science and Process Science Wil van der Aalst (<i>Aachen University</i>)
10:25	Blockchain: concept, critical success factors and possibilities in the food chain Frank Robben (<i>Smals Research</i>)
10:55	When data science meets food safety Guy Poppy (<i>Food Standard Agency & University of Southampton</i>)
11:25	Coffee break
Session 2: <u>Big data applications to the food chain safety</u> Chair: Peter Rakers (<i>ILVO</i>), Thierry van den Berg (<i>Sciensano, SciCom member</i>)	
11:40	The potential of blockchain technologies in food safety Christopher Brewster (<i>TNO</i>)
12:05	Data value chain in the dairy production: opportunities and challenges Stephanie Van Weyenberg (<i>ILVO</i>)

12:30	LUNCH
13:40	Forecasting and managing tool in microbiological safety using network analysis Pablo Fernandez (<i>Universidad Politécnica de Cartagena</i>)
14:05	Smart imaging from space for crops management Pierre Defourny (<i>UCLouvain</i>)
14:30	Smart imaging for vector-borne diseases management Els Ducheyne (<i>AVIA-GIS</i>)
14:55	OMICs in food safety: contribution to chemical risk assessment Matthew Wright (<i>University of Newcastle</i>)
15:20	Coffee break
<u>Session 3: Perspectives</u> Chair: Annemie Geeraerd (<i>KU Leuven, SciCom member</i>), Xavier Van Huffel (<i>FASFC</i>)	
15:35	Gotcha! Network analytics for Fraud Detection Véronique Van Vlasselaer (<i>SAS</i>)
16:00	Unlocking the power of citizen science Filip Meysman (<i>UAntwerpen</i>)
16:25	Closing remarks Etienne Thiry (<i>ULiège, Chairman SciCom</i>)