

Thursday, November 12, 2015

10:00–10:15 a.m.

Welcome

*Professor Dr Dr Andreas Hensel,
Federal Institute for Risk Assessment (BfR)*

10:15–10:45 a.m.

Foodborne Outbreaks Investigation: Pressing Questions

Prof. Dr. Bernd Appel, Dr Armin Weiser, BfR

10:45–11:15 a.m.

Introduction to FoodChain-Lab Schematization and Visualization of Food Chains

Dr Armin Weiser, BfR

11:15–12:00 p.m.

Data Structures

Data Collection

*Dr Armin Weiser, Christian Thöns, BfR
Olaf Mosbach-Schulz, EFSA*

12:00–1:00 p.m. Lunch Break

1:00–2:00 p.m.

Live Demo

Dr Armin Weiser, Christian Thöns, BfR

2:00–2:45 p.m.

Training – First Steps:

Download and Installation of FoodChain-Lab

Dr Armin Weiser, Christian Thöns, BfR

2:45–3:15 p.m. Coffee Break

3:15–4:00 p.m.

Practical Work with FoodChain-Lab:

Data Visualization and Running Simulations

Christian Thöns, Dr Armin Weiser, BfR

4:00–5:00 p.m.

Hands-on Training

Christian Thöns, Dr Armin Weiser, BfR

Friday, November 13, 2015

9:00–9:45 a.m.

Training – Advanced Steps:

Geocoding

Geographical Visualization

Regional Analysis

Christian Thöns, Dr Armin Weiser, BfR

9:45–10:30 a.m.

Hands-on Training

Christian Thöns, Dr Armin Weiser, BfR

10:30–11:00 a.m. Coffee Break

11:00–12:15 p.m.

Scenario Session 1

*Dr Armin Weiser, Christian Thöns, BfR
Dr. Alexander Falenski, Matthias Filter, BfR
Olaf Mosbach-Schulz, EFSA*

12:15–1:15 p.m. Lunch Break

1:15–2:15 p.m.

Scenario Session 2

*Dr Armin Weiser, Christian Thöns, BfR
Dr. Alexander Falenski, Matthias Filter, BfR
Olaf Mosbach-Schulz, EFSA*

2:15–3:00 p.m.

Optional: Details

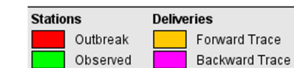
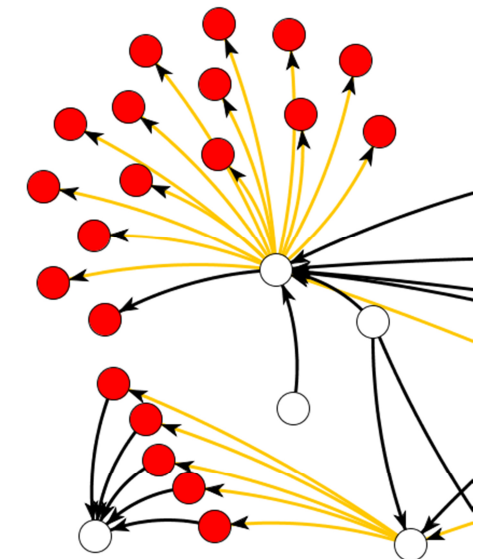
Summary, Outlook and Discussion

*Dr Armin Weiser, Christian Thöns,
Prof. Dr. Bernd Appel, BfR
Olaf Mosbach-Schulz, EFSA*

Background

Foodborne outbreak and food tracing investigations are becoming increasingly complex due to changing patterns in the global food production and supply chain network resulting in more and more complex delivery chains. In 2002 EU regulation (EC) No 178/2002 was enacted to cope with the new requirements for food safety. By this regulation traceability of food is legally required in the European Union.

The Software *FoodChain-Lab* has been specifically designed to support investigators in their efforts to collect required data and analyze food delivery networks and patterns.



FoodChain-Lab: Analyzing Food Chains

FoodChain-Lab is a free open-source software providing trace back and forward analysis for food items along food supply chains, e.g. in case of foodborne disease outbreak investigations. FoodChain-Lab was developed at the BfR in research projects and is now made available for everybody who is interested.

FoodChain-Lab provides integrated data management, validation, enrichment and visualization features as well as interactive analysis and reasoning methods. For each product (food item or ingredient) and each station (e.g. food producer, restaurant) scores are computed to estimate the likelihood that the product/station is related to a contamination event (e.g. causing an outbreak). The software also allows to run simulations based on cross contamination during production, processing or geographical parameters.

In this workshop we will demonstrate specific applications of the software and provide hands-on training for interested users. Therefore it is necessary to bring own laptops. The laptop must be able to connect to Wi-Fi via WPA2.

The target audience of this workshop is employees of risk management and assessment authorities from the European member states with IT-application experience. Ideally, the participant will be a contact point in future international tracing investigations and for their respective countries.

The financial support by the European Food Safety Authority (EFSA) is gratefully acknowledged.

Contact:

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WWW: <http://foodrisklabs.bfr.bund.de>

Venue:

Seminaris CampusHotel Berlin
Takustraße 39
14195 Berlin
Germany

Tel.: +49 30 557797-0

Destination stop on <http://www.bvg.de/en>:
"Dahlem-Dorf (Berlin) (U)"

More information here:

<http://www.seminaris.de/en/hotels/seminaris-campus-hotel-berlin.html>

Registration:

Please note: You need to bring a laptop that is able to connect to Wi-Fi via WPA2.

Please register via e-mail to:

FoodRiskLabs@bfr.bund.de

The number of seats is limited.

Registration deadline: 31 October 2015

Host:

Federal Institute for Risk Assessment (BfR)
Max-Dohrn-Straße 8–10
10589 Berlin
Germany

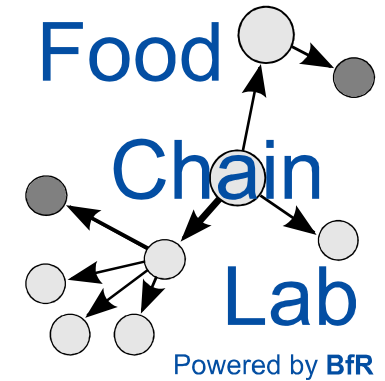
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BfR-Academy Training
FoodChain-Lab



An Innovative Tool Supporting
Food-Tracing Investigations

12–13 November 2015, Berlin

