JRC Mission
As the science and knowledge service of the European Commission, the Joint Research Centre’s mission is to support EU policies with independent evidence throughout the whole policy cycle.

Basics of gamma-ray spectrometry and analysis of food and feed
Directorate G – Nuclear Safety & Security
JRC Geel

Tuesday January 30, 2018
08:15  Pick-up at the hotels (Mol, Turnhout)
08:45  Arrival at the JRC-Geel
09:00  Welcome and introduction to the G2/SN3S Unit  
       Wim Mondelaers, JRC
09:15  The Radionuclide Metrology Lab.  
       Mikael Hult, JRC
09:30  European Legislation  
       Katarzyna Sobiech-Matura, JRC
09:45  The basic equation for gamma-ray spectrometry  
       Mikael Hult, JRC
10:15  Coffee break
10:45  Full Energy Peak Efficiency  
       Guillaume Lutter, JRC
11:15  Coincidence summing  
       Tim Vidmar, SCK-CEN
12:00  Instrumentation and Low-level gamma-ray spectrometry  
       Mikael Hult, JRC
12:15  Lunch at the JRC-Geel cafeteria
13:45  Sample preparation for radiological analysis  
       Michel Bruggeman, SCK-CEN
14:00  Mass measurements  
       Ulf Jacobsson, JRC
14:30  Uncertainties  
       Stefaan Pommé, JRC
15:00  Coffee break
15:30  Monitoring radioactivity in food  
       Michel Bruggeman, SCK-CEN
16:15  Food after Fukushima – Japan’s regulatory response to radioactive contamination of its food chain  
       Gijs Berends, EC DG TRADE
16:40  Discussion and evaluation  
       Mikael Hult, JRC
17:00  End
17:15  Departure to the hotels (Mol, Turnhout)
...
19:00  Dinner

Note that on January 31, a workshop on the EC Proficiency Test on radioactivity in feed will take place