

# LSC2017 Opening lecture

## Radionuclide metrology using LSC: Current status and limitations

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Dr. Kossert is working at PTB since 2001. Since 2003, he is head of PTB's "Unit of Activity" working group which is concerned with activity measurements, dissemination of activity standards and determination of nuclear decay data. Kossert became an expert in radionuclide metrology and developed and improved several techniques in liquid scintillation and Čerenkov counting. In 2002, he received the Berliner-Ungewitter Award at the University of Göttingen, where he also completed his diploma (1998) and PhD (2001) studies in physics with great success. In 2011, he received the JARI Enterprise Award in Tsukuba, Japan, for his outstanding work in radiation sciences. In 2011, he was elected as coordinator of the Liquid Scintillation Counting Working Group of the International Committee for Radionuclide Metrology (ICRM). To date, he has published more than 125 scientific articles.