

Session Program

21-26 May 2023



LISA Conference

Radioecology

Maria Theresia College, Auditorium 00.14 for lectures & HOGC - 00.50 Chapel for poster sessions
Sint-Michielsstraat 6, 3000 Leuven, Belgium

Tuesday 23 May

09:00

Radioecology

Session |

Location: Maria Theresia College, Auditorium 00.14 for lectures & HOGC - 00.50 Chapel for poster sessions, Sint-Michielsstraat 6, 3000 Leuven, Belgium

09:00–09:30

Radionuclide analysis with Accelerator Mass Spectrometry: Lasers make an ultra-sensitive technique more versatile

Speaker

Johannes Lachner

Location

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09:30–09:50

Multi-element ultra-trace analysis of hot particles in the Chernobyl Exclusion Zone

Speaker

Darcy van Eerten

Location

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09:50–10:10

Production of synthetic homogenous U-Pu samples for determination of rL-SNMS suppression rates

Speaker

Paul Hanemann

Location

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10:10–10:30

Development of a time-of-flight mass spectrometer with a laser desorption / ionization source

Speaker

Keerthana KAMALAKANNAN

Location

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10:30–11:00

Coffee break

11:00–11:20

Non-destructive resonance ionization mass spectrometry of spent nuclear fuel particles

Speaker

Manuel Raiwa

Location

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11:20-11:40

Preparation and characterization of Pu-239 and Pu-240 recoil ion sources for U-235m studies.**Speaker**

Lauren Reed

Location

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11:40