

MilieuChemTox symposium + MCT PhD thesis award

7 November 2014

MCT goes UNDERGROUND

Harnessing geothermal heat, shale gas production, thermal energy storage and other currently evolving techniques are relying on the underground as a host of resources or as a storage place. Assessing the environmental, toxicological, and geochemical implications of these new applications confronts users, authorities and researchers with challenging questions. Experts from various fields will present examples of these emerging questions related to the toxicology of underground fauna, shale gas production, and more.

Morning session:

Keynotes on As groundwater contamination, shale gas, protection of groundwater organisms

Young Scientists Poster Session during lunch:

Poster session for young scientists (BSc/MSc/PhD students)

The best poster of a BSc/MSc student will be awarded a prize of €100,-!

Afternoon session:

Presentations by 6 PhD thesis award nominees

PhD and poster prize awarding

Closure and drinks

Registration & Poster submission:

Register before 31 October by sending

an e-mail to info@milieuchemtox.nl

BSc/MSc students with poster: free

Members MCT, KNCV, NVT, Deltares, TNO: €20

Non-members: €30

-> cash payment at entrance

Location:

TNO/Deltares, Auditorium

Princetonlaan 6, 3584 CB Utrecht

The location can be reached by car, bike or public transport.

More information can be found at

www.milieuchemtox.nl

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Program:

9:15 Welcome with coffee/tea

9:45 Opening : Jasper Griffioen (Utrecht University/Deltares/TNO)

Morning session – MCT goes UNDERGROUND:

10:00 Niels Hartog (KWR) – Shale gas production in NL: how might this impact drinking water resources?

10:40 Wilko Verweij (RIVM) – Groundwater organisms: (how) do they fit in al legal framework?

11:20 *Coffee break*

11:50 Doris van Halem (TU Delft) – As in water

12:30 ***Young Scientists Poster Session & Lunch***

Afternoon session – PhD thesis award:

14:00 Marino Marinkovic - Gene expression in toxicant-exposed chironomids

14:20 Mauricio Montano - Towards a realistic risk characterization of complex mixtures using in vitro bioassays

14:40 Merel van der Ploeg - Unravelling hazards of nanoparticles to earthworms, from gene to population

15:00 *Coffee break*

15:20 Darya Kupryianchyk - Activated carbon in sediment remediation : benefits, risks and perspectives

15:40 Ilona Velzeboer - Implications of nanoparticles in the aquatic environment

16:00 Pim de Voogt (for Christian Eschauzier) – Perfluoroalkyl acids in drinking water

16:20 PhD and poster prize awarding – Jan Willem Toering (director KNCV)

16:30 Closing: Willie Peijnenburg (Leiden University/RIVM)
followed by *drinks*

Next MCT symposium: 6 november 2015