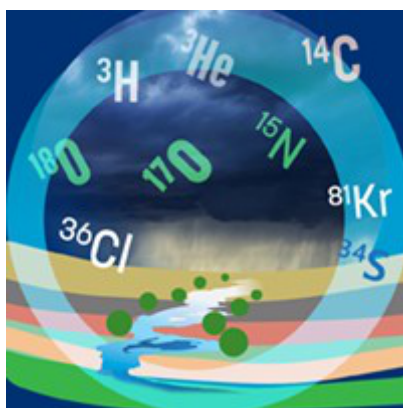


## Session Program

20–24 May 2019



# International Symposium on Isotope Hydrology: Advancing the Understanding of Water Cycle Processes CN-271

## *SESSION 4*

Vienna International Centre, Board Room C  
C Building, 4th Floor

## Thursday 23 May

08:30

### SESSION 4: Noble gas isotope studies

Session | Location: Vienna International Centre, Board Room C, C Building, 4th Floor | Conveners:  
Mr Ioannis Matiatos, Prof. Kazimierz Rozanski

**08:30–09:00** The importance of environmental isotopes in understanding aquitard hydrogeology

**Speaker**

Michael James Hendry

**09:00–09:15** Continuous, high-resolution measurement of  $\Delta^{17}\text{O}$  from ice cores

**Speaker**

Lindsey Davidge

**09:15–09:30**

**Recommendations for integrating isotope fingerprinting in Environmental Baseline Assessment as part of regulation on unconventional gas exploration and exploitation**

**Speaker**

Wolfram Kloppmann

**09:30–09:45**

**Shale gas exploration in the United Kingdom - site characterisation and baseline monitoring using geochemical and isotope tracers**

**Speaker**

Dr Lee Paul Gumm

**09:45–10:00**

**Noble gases: A tool for tracing enhanced oil recovery signatures in produced waters from the Fruitvale, Lost Hills and Orcutt Oil Fields, CA, USA**

**Speaker**

Ms Rebecca Louise Tyne

10:00