

“DINGUE VI” (Developments in Noble Gas Understanding and Expertise) workshop

Thursday 15th August 18:00 – Saturday 17th August 2019 18:00, ETH Zurich, Switzerland

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We would like to invite you to attend “DINGUE VI” (<https://sites.google.com/view/dingue2019>). This workshop follows the preceding DINGUE workshops in Florence 2013, Paris 2017 (both in conjunction with Goldschmidt) and Nancy 2016.

Goals: The international noble gas geo- and cosmochemistry community is invited to discuss all technical and scientific aspects of new and established noble gas applications to terrestrial and extraterrestrial science. Sessions will cover a wide range of topics from cosmochemistry, the evolution of the Earth, mantle geochemistry, volcanism, chronology to paleoclimatology, fluids and the evolution of the crust-atmosphere system. Noble gas results from natural samples, experiments, and modelling should equally be included. Another important aspect is to share experiences related to noble gas extraction and mass spectrometry and present new state-of-the-art technical developments. Hence, we also welcome the attendance of industrial representatives. Most importantly, we aim to enable broad discussions that result in knowledge transfer and new collaborations.

Pete Burnard Award: Initiated at DINGUE V in Paris in 2017, an award in honor of our colleague Pete Burnard, who deceased much too soon, will be given to a young scientist (up to 4 years after PhD), who has contributed significantly to the analytical developments of noble gas measurements.

Schedule: We plan oral presentations for Friday and Saturday, a poster session, and a welcome event on Thursday evening. The workshop will end on Saturday evening, thus allowing participants to transfer directly to Barcelona on Sunday for the Goldschmidt Conference. Attendance will be limited, so please register early to secure your spot.